

Release Notes

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CLOUDERA

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What's new in Cloudera Data Visualization?

This section provides details on the new features and major updates introduced in the recent versions of Cloudera Data Visualization. Explore how these changes can improve functionality and usability in your workflows.

What's new in Cloudera Data Visualization 8.0.7

Cloudera Data Visualization 8.0.7, released on September 30, 2025, introduces performance, usability, and security enhancements, providing a more efficient and reliable experience.

New features and improvements

Platform support

VIZ-3188 – Ubuntu 20 parcel support

Cloudera Data Visualization 8.0.7 introduces support for Ubuntu 20.04 as a parcel deployment platform in Cloudera Base on premises environments. This enhancement enables new installation and upgrade scenarios for customers running Ubuntu 20.04.

- For Google Chrome browser setup on Ubuntu, see [Installing Chromium or Google Chrome for visual export and dashboard previews in Cloudera Data Visualization](#).
- For installation instructions, see [Installing Cloudera Data Visualization in Cloudera Base on premises](#).

Diagnostics and logging

VIZ-3408 – Improved diagnostic bundle

The Cloudera Data Visualization diagnostic bundle now includes key logs (arcviz.log). These are automatically collected and accessible through Cloudera Manager, making troubleshooting and support easier.



Note: Caddy access logs are not accessible this way.

VIZ-3573 – Improved resource management

When usage analytics are disabled (using the `enable_usage_analytics` flag), Cloudera Data Visualization no longer stores usage logs in memory. This prevents unnecessary memory consumption, avoids potential memory leaks, and improves performance in environments where analytics are not required.

Security and configuration

VIZ-3523 – Configurable TLS protocols and ciphers

Cloudera Data Visualization now allows administrators to customize the supported TLS protocols and ciphers used by the Caddy web server through two environment variables:

- `DATAVIZ_TLS_PROTOCOLS`: Configure the minimum and maximum TLS versions.
- `DATAVIZ_TLS_CIPHERS`: Specify the allowed ciphers for TLS 1.2 connections.

This enhancement gives you greater control over the security configuration of your Cloudera Data Visualization deployments, allowing compliance with organizational or regulatory requirements for TLS protocols and ciphers. For more information on TLS protocols and ciphers, see the [Caddy documentation](#).

Query management

VIZ-2906, VIZ-3427 – Canceling Postgres and MySQL queries

You can now cancel running Postgres and MySQL queries directly from the UI (for example, in the Direct Access tab or while viewing a dashboard visual). When canceled, queries are immediately terminated on the backend, the connection is released, and the query is removed from the Current Load tab. This prevents long-running or stuck queries from blocking resources and ensures exceptions are handled gracefully. This enhancement aligns MySQL with other supported connections (Impala, Hive, Sqlite) that allow in-flight query cancellation. For other data connections, cancellation is only possible before the query is sent to the database. For more information, see [Current Load](#).

User experience improvements

VIZ-3518 – Improved Data Connection modal to preserve data in connection setup

When creating a new data connection, Cloudera Data Visualization now preserves entered values (such as name, hostname, and other fields) for each connection type while the setup modal is open. Switching between types no longer clears your inputs, making it easier to compare or experiment without re-entering information.

VIZ-3501 – Improved AI model profile management

Cloudera Data Visualization introduces the following enhancements to AI Settings:

- A message now appears if you create, modify, or delete AI model profiles, reminding you to save the whole Site Settings page to preserve updates.
- You can now create completion profiles when AI features are enabled, without requiring the AI visual to be enabled.

VIZ-3545 – Improved AI annotation error messages

Error messages for AI annotation profile issues are now more informative and actionable. When the default completion profile is misconfigured or not working, the message guides you to check or update the profile in Site Settings or choose another default, helping you quickly resolve configuration problems.

VIZ-3554 – Improved comment tracking

The following changes improve transparency and make it easier to focus on ongoing discussions in dashboards.

- Comments and replies now show an Edited badge and updated timestamp when modified, making it clear when feedback has changed.
- Resolved comments are automatically moved to the bottom of the thread, keeping active discussions visible. If a resolved comment is reopened, it returns to its original position.

For more information, see [Commenting on visuals and dashboards \[Technical Preview\]](#).

Fixed issues

VIZ-3088 – AI visual no longer fails with connection already closed after long uptime

Fixed an issue where the AI visual could display a connection already closed error in long-running Cloudera Data Visualization instances. Connections are now properly cleaned up, preventing this error and eliminating the need for a service restart. You can run AI visuals for extended periods without encountering connection errors, improving stability and reliability.

VIZ-3509 – Visual and dashboard downloads now handle special characters correctly

Fixed an issue where special characters in visual or dashboard titles could produce downloaded files (PNG, PDF, CSV, Excel) with missing or invalid extensions, preventing them from opening in Chrome and other browsers. You can download visuals and dashboards with any title, including special characters, spaces, or non-Latin scripts, without issues, ensuring reliable and compatible file downloads. Downloaded files include a valid extension and timestamp, while preserving readable Unicode/CJK characters.

VIZ-3526 – Email template associations now update correctly

Fixed an issue where editing or deleting scheduled emails did not update their associated templates in the email templates table. Template associations are now immediately updated when scheduled emails are added, removed, or reassigned. Schedule IDs in the table are now clickable, improving navigation and usability.

VIZ-3530 – AI visual chat now fully clears cached data

Fixed an issue where clearing the chat in the AI visual did not remove previous data and conversation, causing the chatbot to reuse old data. Clicking Clear now resets both the conversation and cached data, ensuring fresh responses for new queries. The debug modal now also displays previously used data, making it easier to verify and debug chatbot answers.

VIZ-3533 – Dashboard filters can now be moved to the grid area as expected

Fixed an issue that prevented dashboard-level filters from being moved to the grid area. You can now reposition filters between the dashboard and grid, with selections preserved during the move, restoring expected interactivity and filter management.

VIZ-3537 – AI visual parameters now respect scope and aggregate settings

Fixed an issue where AI visual parameters ignored the defined scope and aggregate settings. With this update, parameter sharing correctly follows the visual's configuration, and aggregate parameters are included only if enabled, ensuring filters and parameters behave as expected in AI visuals.

VIZ-3546 – Cloudera AI group creation logic fixed to prevent login failures

Resolved an issue where Cloudera Data Visualization users could encounter server errors (HTTP 500) and be unable to log in if required Cloudera AI user groups were not automatically created because data connection syncing was disabled. The group creation logic now separates control for user group and data connection syncing, ensuring reliable authentication and eliminating the need for manual workarounds.

VIZ-3548 – Fixed upgrade failures from Cloudera Data Visualization 7.2.6 to 7.2.9 and higher versions

Resolved an issue where upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher versions could result in a broken database due to a migration problem in the datasets application. This affected both standalone applications and embedded Data tab deployments. Users upgrading from 7.2.6 can now upgrade directly to 8.0.7 and newer versions without requiring manual workarounds or multi-step upgrades.

VIZ-3550 – Fixed misapplied selections in dropdown filters with duplicate values

Fixed an issue where, if the same value appeared in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter could incorrectly apply the selection to a different filter. This fix ensures that filter selections are always applied to the intended dropdown, improving accuracy and reliability when configuring dashboard filters with duplicate values.

VIZ-3562 – Data extract cannot be created if emailing is not enabled

Fixed an issue where the CREATE DATA EXTRACT button was disabled if emailing was not enabled in Site Settings. You can now create data extracts regardless of the emailing configuration.

VIZ-3566, VIZ-3567, VIZ-3575, VIZ-3578 – Security vulnerabilities addressed

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.7.

What's new in Cloudera Data Visualization 8.0.6

Cloudera Data Visualization 8.0.6 was released on September 3, 2025, introducing the following changes.

New features and improvements

This release includes several enhancements and new features to improve collaboration, AI-assisted insights, data connection management, dashboard editing, and security. Key updates include the technical preview of commenting

on dashboards and visuals, improvements to AI visuals and annotations, enhanced data connection handling, and usability improvements across the application.

AI visual improvements

VIZ-3193, VIZ-3316, VIZ-3384 – AI visual improvements

The AI visual can now dynamically aggregate data within a dataset for answers to your questions on any data connection, without requiring a vector database. Transparency has been improved, showing the data, requests, and results used to generate responses. For more information, see the [AI visual](#) documentation.

Collaboration and annotations

VIZ-2985, VIZ-2986, VIZ-2988, VIZ-2990, VIZ-2997, VIZ-3514, VIZ-3522 – Commenting on dashboards and visuals [Technical Preview]

You can now leave comments and reply to comments directly on visuals and dashboards for easier collaboration. To enable the feature, go to the Administration menu, open Site Settings Dashboard Config , and select Enable Commenting (Tech Preview). For more information, see [Commenting on visuals and dashboards](#).

VIZ-3267 – AI annotation improvements for visuals

Annotations generated with AI are now more accurate for visuals like KPI, sparkline, bullet, and gauge charts, explaining what the visual shows. Prompts now include shelf and visual-specific information customized for specific visual types, producing more accurate analysis. For instructions on using annotations, see [Creating annotation for visuals](#) and [Creating annotation for dashboards](#).

VIZ-3450 – Visual artifact annotations preserved during export and import

Annotations added to dashboards and visuals are now included when exporting or importing. This enhancement ensures annotations are retained when moving the visual artifacts across environments, improving portability and collaboration.

Data connectivity and integration

VIZ-3169 – Auto-discovery of data connections

Cloudera Data Visualization now automatically discovers and creates data connections for Solr, SQL Stream Builder, Hive, and Impala in Cloudera Base on premises environments. Data connections are synced by default at application startup. This ensures that connections reflect the current state of your Cloudera Base on premises cluster.

VIZ-3257 – Bulk syncing and out-of-sync alerts for Cloudera Data Warehouse data connections

You can now bulk sync Cloudera Data Warehouse Impala/Hive connections to keep configurations up to date, similar to Cloudera AI connections. Connections that are out of sync or reference non-existent warehouses are marked with an alert icon, making it easy to identify and resolve issues directly from the UI. For more information, see [Synchronizing data connections](#).

VIZ-3358 – Improved data connection modal

A new Info tab in the Edit Data Connection modal displays the connection configuration in JSON format, allowing you to view and copy data connection details. This information can be imported through the Import from JSON tab in the New Data Connection modal to quickly clone connections. This enhancement simplifies sharing and recreating data connections. For more information, see [Reusing data connection settings](#).

VIZ-3482 – Trino and Phoenix data connection icons on the homepage

Trino and Phoenix data connections now show the respective icons on the Cloudera Data Visualization homepage.

Dashboard and visual experience

VIZ-2143 – Dashboard title visibility in Edit mode

Dashboard titles and subtitles are now shown by default in Edit mode, even when they are empty. The visibility preference is preserved for the browser session, so you do not need to reapply it each time.

VIZ-3327 – Custom styles table improvement

The layout and usability of the Manage Custom Styles and Create Custom Style pages have been improved.

Asset and data management**VIZ-3462 – Static assets page enhancements**

The following improvements have been implemented on the Manage Image, CSS, and JS Assets page.

- Search: Added an option to clear the search field using the x icon.
- Name: Set the Name column to a minimum width, preventing long descriptions from pushing it out of view.
- Sorting: The Type column now supports ascending and descending sorting, and previous inconsistencies in the Name column sorting have been resolved.
- Upload visibility: Added a View Asset link in the success notification of upload so newly uploaded assets are immediately accessible.

See [Managing Static Assets](#) for details on handling image files and other static assets.

VIZ-3396 – Canceling data profiling queries

You can now cancel running data profiling queries.

Security and compliance**VIZ-2859 – Password change navigation bar indicator**

An orange dot marker in the navigation bar now indicates when users need to change their password, extending the previous homepage-only check to all pages. For more information, see [Cloudera Data Visualization homepage](#).

VIZ-3138 – TLS 1.3 support

TLS 1.3 is now supported, enhancing security and compliance for Cloudera Base on premises instances of Cloudera Data Visualization.

Fixed issues**VIZ-3435 – SQL popup now closes when clicking outside**

Resolved an issue where the SQL popup remained open when clicking elsewhere on the page.

VIZ-3453 – Downloaded dashboard PDFs now include all visuals

Fixed an issue where Gauge visuals were missing when downloading dashboards as PDF files using the “One sheet per page” option.

VIZ-3464 – Dataset profiling tab now loads reliably

Fixed an intermittent issue that prevented the Dataset Profiling tab from rendering. It now loads consistently, even after refreshing the page.

VIZ-3474, VIZ-3479 – Security vulnerabilities addressed

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.5.

VIZ-3487 – Fixed duplicate event records in EventsTracker table

Fixed an issue that caused duplicate records in the EventsTracker table.

VIZ-3488 – Job status filter now works on the Scheduled Jobs tab

Resolved an issue where the status filter did not function on the Scheduled Jobs tab of the Job Status page. The filter now works as expected, allowing you to correctly filter scheduled jobs by status in the UI.

VIZ-3489 – AI profile validation now works through Knox

Fixed AI profile validation errors when accessing Cloudera Data Visualization through Knox caused by dropped trailing slashes in endpoint URLs. AI profile validation now functions correctly when accessed through Knox.

VIZ-3506 – Logs and Usage filter now works as expected

Resolved an issue where filtering webserver statistics and usage counters did not function correctly.

VIZ-3511 – Hive connection retries are now more reliable

Resolved an issue Hive connection retries in the Data Connection modal failed. Retry logic has been improved by clearing conflicting parameters and extending the timeout.

VIZ-3519 – Snapshot retrieval now handles errors safely

Resolved an issue where invalid operations on permission errors could cause runtime failures during snapshot retrieval. The fix ensures that permission errors are handled safely and improves thumbnail fetching.

What's new in Cloudera Data Visualization 8.0.5

Cloudera Data Visualization 8.0.5 was released on July 18, 2025, introducing the following changes.

New features and improvements

This release includes several enhancements across dataset management, system integration, connectivity, visualization and user interface improvements.

Dataset management**VIZ-2948 – Added ability to compare dataset versions**

The redesigned Version Control page now includes a comparison view that highlights differences between dataset versions. This improvement of the dataset versioning feature [Technical Preview] makes it easier to track changes and support auditing and collaboration workflows. When dataset versioning is enabled, you can now view and compare previous versions against the current one. For more information, see [Tracking dataset versions](#).

Environment and system integration**VIZ-3288, VIZ-3389 – IPv6 support for Cloudera Data Visualization**

Cloudera Data Visualization now supports IPv6 through the new `USE_IPV6` environment variable. When `USE_IPV6=true`, Cloudera Data Visualization switches to IPv6. In Cloudera Base on premises deployments, IPv6 is enabled by default. You can disable it by setting `USE_IPV6=false`.

VIZ-3434 – Custom Python interpreter support

You can now configure Cloudera Data Visualization to use a custom or system-installed Python interpreter instead of the embedded one. Set the environment variable `DATAVIZ_USE_EMBEDDED_PYTHON=false` to enable this option. For more information, see [Specifying a custom Python interpreter](#).

Visualization rendering and data export**VIZ-3195 – Improved number formatting in Excel downloads**

Excel downloads now preserve display formatting, allowing you to sort and calculate without additional formatting.

- Numbers are exported as actual numbers with formatting applied (for example: currency, percentages), instead of plain text.
- String values that start with `=` no longer trigger Excel formula evaluation.

This update ensures exported Excel files are more accurate, usable, and compatible with downstream workflows.

VIZ-3377 – Improved support for East Asian characters in word cloud visuals

Word clouds now correctly render East Asian (such as Chinese, Japanese, and Korean) text by ensuring a valid SVG structure. This update ensures consistent display across East Asian languages.

AI Visual enhancements**VIZ-3325 + VIZ-3467 – Token usage estimation for AI Visual now supported in air-gapped environments**

Introduced in Cloudera Data Visualization 8.0.5.1000, token usage estimation in the AI Visual now works correctly in air-gapped (offline) environments. This allows accurate token limit calculations without internet access, improving reliability and usability in restricted environments.

VIZ-3361 – Improved error handling in AI Visual

Enhanced error messages for the AI Visual to better guide users when configuration or tokenizing issues occur.

Usability and interface enhancements**VIZ-3197 – Improved mobile homepage**

The mobile Home/Visuals page now supports dashboard search and full workspace navigation. Instead of showing only All, Public, and Private, now all available workspaces are listed on the homepage for easier access. For more information about using Cloudera Data Visualization on mobile, see [Mobile devices](#).

VIZ-3216 – Improved static asset management interface

The Manage Image, CSS, and JS Assets page has been enhanced to support easier asset management. The updated interface now includes:

- Pagination for navigating large asset lists
- Search functionality to quickly locate assets
- Column sorting for easier organization
- Bulk delete to remove multiple assets at once

VIZ-3300 – Improved formatting and validation for email addresses in the Email modal

The Reply To and From fields in the Email modal now correctly support email addresses in both name <email@domain.com> and email@domain.com formats.

- Angle brackets (< >) are no longer escaped incorrectly in the UI.
- If no name is provided, the Cloudera Data Visualization username is used as the display name.

VIZ-3394 – Improved error handling and configuration for Map Visual

Simplified error messages when API keys are missing, added clearer messaging when WebGL is unavailable, and made map location settings easier to manage.

VIZ-3430 – Modals no longer close on outside click or clicking "Esc"

Most Cloudera Data Visualization modals (for example: Data Connection, Email, Static Assets, and Users/Groups) now only close when you click Close or x to prevent losing user input. Informational modals remain dismissible by outside click or using "Esc."

Fixed issues**VIZ-3383 – Cloning dashboards now properly handles filters on original dashboard**

Fixed an issue in Cloudera Data Visualization 8.0.5.1000 where cloning a dashboard caused filters on the original dashboard to be moved into a private workspace, which could result in permission errors when viewing the original dashboard.

VIZ-2839 + VIZ-3346 – Visual improvements to the Notifications modal

- Fixed an issue where long, unbroken notification text caused horizontal scrolling to behave incorrectly, jumping back to the beginning and preventing access to the full content. The scroll behavior is now stable, allowing users to view the entire notification without interruption.
- Previously, hovering over a notification caused the pinned icon to appear and shrink the text area, resulting in visual jitter. This has been fixed by setting a minimum width for the icon container, keeping text alignment and width consistent whether the icon is visible or not.

VIZ-3161 – Dashboard filters now reset correctly regardless of initial filters

Fixed an issue where the Reset Filters button did not work properly if the dashboard had no initial filters. The reset logic now correctly determines the default filter state based on the dashboard's configuration.

VIZ-3391 – Fixed PDF download options on dashboards

- Fixed missing PDF download options, Current sheet, One sheet per page, and One visual per page on current sheet, from the Download as > PDF dropdown on dashboards.
- Resolved errors occurring when selecting One sheet per page or One visual per page on current sheet in the app and email modal.
- Implemented the One visual per page PDF download option, ensuring each visual is correctly isolated, positioned, and saved to its own PDF page.

VIZ-3392 – Import from version 8.0.2 no longer fails due to missing annotation field

The Reports model had an annotation field in 8.0.2 which was removed in a later migration. Now, during import, the missing annotation field is safely ignored to prevent failure when importing reports from 8.0.2.

VIZ-3310 , VIZ-3367, VIZ-3397, VIZ-3398, VIZ-3422, VIZ-3423, VIZ-3432, VIZ-3443, VIZ-3445, VIZ-3452

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.4.

VIZ-3416 – Dashboard panel properly hides visuals when switching datasets

When switching datasets in the dashboard or application builder, the visual list shows and hides correctly.

VIZ-3425 – Visibility of NEW SQL button is tied to permissions

The NEW SQL button available on the Home page now only appears if direct access is enabled and the user has the Create datasets, explore tables permission on at least one data connection. It is hidden for users without these permissions.

VIZ-3438 – Delete Usage Data modal now appears correctly in Site Settings

Fixed an issue where the Delete Usage Data modal was not appearing in the Site Settings interface. Users can now properly access and use this feature to manage usage data.

Previous releases

This section provides an overview of the new features, enhancements, and changes introduced in previous versions of Cloudera Data Visualization.

What's new in Cloudera Data Visualization 8.0.4

Cloudera Data Visualization 8.0.4 was released on May 30, 2025, introducing the following changes.

New features and improvements

This release includes a range of enhancements across data analysis, system configuration, user experience, and platform support.

User experience and interface enhancements

VIZ-1708 – Threshold email improvement

Added a Test Trigger button in the Email modal, allowing you to validate trigger conditions before saving or scheduling, improving setup accuracy. For more details on setting up a threshold email, see [Creating new email jobs](#).

VIZ-2476, VIZ-3294 – Redesigned Current Load view for improved clarity

Updated the Current Load tab under Show Usage Info for improved clarity.

VIZ-3330, VIZ-3332 – Improved AI Visual formatting

Enabled additional formatting settings for the AI Visual. The welcome message now supports Markdown styling for better presentation when Markdown is enabled in the Chat Appearance setting. Additionally, arc-ai-XX classes were added to the AI-visual to support custom CSS styling.

Data profiling and analytics improvements

VIZ-2979 – Correlation

Added the ability to select specific fields for correlation analysis and introduced a separate correlation tab in data profiling. Supports calculation using Pearson correlation coefficient.

VIZ-3194 – New data profiling cards for Date and Boolean fields

Introduced dedicated profile cards for date and boolean columns in datasets, improving data profiling clarity data connections.

Query and data handling enhancements

VIZ-3007 – Trino data connection [Technical Preview] enhancements

Added full support for Trino SQL syntax highlighting and autocomplete, including many built-in functions across categories like aggregate, conditional, date/time, string, JSON, arrays, and more.

VIZ-3269 – Improved database name handling during data addition

Modified validation rules for database names when adding data. Previously, names starting with non-alphabetic characters were rejected, which caused issues for valid real-world database names. The updated logic skips unnecessary validation, allowing users to add data to existing databases regardless of naming conventions.

AI and chatbot enhancements

VIZ-3328 – Improved AI chatbot context query for Solr (Technical Preview) connections

Enhanced the accuracy of AI chatbot context aggregation in Solr by consolidating similarity search and aggregation into a single request, reducing lexical errors and improving result precision.

VIZ-3384 – Improved AI error handling and custom streaming transformers

The response transformer logic now runs earlier in the process, providing more meaningful AI Visual errors.

Fixed issues

VIZ-2257

Resolved an issue where queries run by other users were incorrectly shown as belonging to the logged-in user in the Webserver Stats active queries summary.

VIZ-3203, VIZ-3362, VIZ-3363

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.3.

VIZ-3318

Fixed an issue preventing users from creating annotations on newly saved dashboards until the page was refreshed.

VIZ-3339

Resolved an issue where SQL filter validation incorrectly flagged expressions containing the keyword “from” inside string literals with escaped single quotes. The validation logic was improved to properly recognize and handle escaped quotes within string literals, preventing false errors during filter expression validation.

VIZ-3345

Resolved an issue where importing a cloned dashboard multiple times on the same data connection caused errors due to mismatched parent_report_id handling. The import process now properly manages parent_report_id to prevent repeated replacement attempts of identical dashboards.

VIZ-3347

Resolved an issue where importing the same dataset multiple times caused the server to repeatedly replace it because of mismatched version_name values generated during import.

VIZ-3349

Fixed an issue where canceling a query would permanently terminate the associated connection thread, leading to thread pool exhaustion. The fix introduces proper handling of canceled queries by adding the missing CANCELED attribute to the Runner class.

VIZ-3359

Addressed a performance issue where deleting dashboards took significantly longer after upgrading to Cloudera Data Visualization 8.0.2. Optimized query handling to reduce the number of database calls during dashboard deletion.

What's new in Cloudera Data Visualization 8.0.3

Cloudera Data Visualization 8.0.3 was released on April 30, 2025, introducing the following changes.

New features and improvements

This release includes a variety of enhancements across platform support, AI capabilities, dataset management, data connections, and user experience.

Deployment

VIZ-2399 – Cloudera Data Visualization available in Cloudera Base on premises

You can now deploy Cloudera Data Visualization in Cloudera on premises, allowing you to explore datasets and build interactive visualizations directly within your on-premises Cloudera data platform. For installation instructions, see [Installing Cloudera Data Visualization in Cloudera Base on premises](#).

AI-powered features

VIZ-2312, VIZ-3265, VIZ-3266, VIZ-3268, VIZ-3277 – AI Annotations [Technical Preview]

The Annotation feature has been enhanced to include generative AI, allowing you to automatically generate summaries for visuals and dashboards. Annotations can help clarify data details, highlight outliers, and provide additional context. You can enable this feature through site settings. For more information, see [Creating annotations for visuals](#), [Creating annotations for dashboards](#), and [Managing general AI settings](#).

VIZ-3174 – Claude 3.5 Sonnet available among Bedrock model options

In Site Settings AI Settings, the claude-3-7-sonnet model is now available in the model list when using Amazon Bedrock for the completion profile.

VIZ-3290 – Made AI token limit customizable at the application level

The default AI completion and embedding token limit can now be customized using an environment variable or through advanced site settings. You can set the maximum token limit for Cloudera Data Visualization models using the `AI_MODEL_COMPLETION_TOKEN_LIMIT` variable within the advanced site setting.

Dataset management**VIZ-3090 – Automatic country-specific numeric formatting and download**

You can now set a regional/country code to automatically apply country-specific numeric formats, including decimal and thousand delimiters, for dashboard display. Numeric formats can be configured both on the dataset field page and in the dashboard general settings. If no format is specified, the browser's locale settings are used by default. You can set the format either globally for the dataset or individually on the dashboard for more flexibility.

VIZ-3212, VIZ-3213 – Enhanced Dataset Version Management [Technical Preview]

The dataset versioning page has been improved and now offers extended functionality. New features include row-level deletion, bulk deletion, confirmation modal for deletions and version changes, and improved usability with sorting and a search bar. For more information, see [Tracking dataset versions](#).

Data connections and queries**VIZ-2198, VIZ-3305 – Enhanced CSV/Excel download reliability**

By default, CSV/Excel downloads will proceed for 10 minutes and can be customized by the `DATA_DOWNLOAD_TIMEOUT` variable in the advanced site setting.

VIZ-2476 – Cancel individual queries

You can now cancel individual data connection queries on the `Logs and Usage Current Load` page, offering finer control over query management. Once cancelled, you will also receive more accurate information on the status of the query cancelling. Note that you can currently cancel running queries only for Impala, Hive, and SQLite data connections. For more information, see [Current Load](#).

VIZ-3240, VIZ-3250 – Improved Cloudera Data Warehouse Hive/Impala data connection creation**VIZ-3255 – Enabled Trusted Impersonation on Impala on premises**

Previously, Impala in Cloudera Data Warehouse on-premises used impersonation by default. With this update, the default is trusted impersonation.

User experience and interface improvements**VIZ-3022 – Improved user feedback when switching to a dataset without visuals within the Dashboard Designer pane**

When switching to a dataset with no visuals, the UI previously offered no indication that it had finished loading. Now, the visuals area displays `No existing visuals` to provide clearer feedback to users.

VIZ-3172 – Improved email message formatting for Job Details

The email message formatting has been enhanced by adding line breaks when displaying job details. This change applies to both the Run Details modal and Email Details on the Job Detail page, improving readability and presentation.

VIZ-3260 – Enhanced user deletion for workspaces' ACL

The user deletion endpoint has been updated to improve inactive user management in workspaces' ACLs.

Fixed issues**VIZ-1725**

The linked visual icon was repositioned for improved visibility.

VIZ-3118

Fixed an issue where filters could become unresponsive after a search error. Filters now recover properly from errors, preventing the search interface from getting stuck in a hanging state.

VIZ-3147

When deleting the only visual on a dashboard, the Save button previously remained in a loading state indefinitely, even after errors were cleared. A new function has been added to stop the spinner, ensuring it properly stops after errors are handled. Additionally, the error message when cloning a dashboard with no visuals has been updated to Cannot clone empty dashboard for better clarity.

VIZ-3203, VIZ-3272, VIZ-3280

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.2.

VIZ-3226

Fixed dashboard import for empty sheets. An additional check has been added to handle empty behavior lists (from the empty sheet) when a dashboard contains a linked visual with click behavior, ensuring proper import.

VIZ-3271

Backend and frontend download currency formatting mismatch is now fixed to ensure consistency between frontend and backend downloads. Previously, when downloading data with formatted values (such as currency or percentage) from a visual, the frontend correctly displayed the formats, but the backend download (CSV/XLS) did not reflect the currency formatting.

VIZ-3295

The pre-filled value in the email modal's Reply-To field has been removed. Now, only a placeholder is displayed by default, and the field no longer accepts a name as a value.

VIZ-3297

Fixed an issue where setting the Maximum Token value to zero or below could cause errors in restricted or air-gapped environments. The system now handles these settings gracefully without triggering download attempts.

What's new in Cloudera Data Visualization 8.0.2

Cloudera Data Visualization 8.0.2 was released on March 28, 2025 introducing the following changes.

New features and improvements

VIZ-2312, VIZ-2938, VIZ-3238 – Annotations [Technical Preview]

Annotations can be added for visuals and dashboards, helping you to clarify data details, highlight outlier values, or provide additional context. For more information, see [Creating annotations for visuals](#) and [Creating annotations for dashboards](#).

VIZ-2830 – Aggregation in AI Visual

You can now configure aggregate columns as context for AI Visuals to summarize data for similar records. This allows AI Visuals to better answer questions related to quantities, distributions, and comparisons. For more information, see [Shelves for AI visual](#).

VIZ-3167 – Speech Detection now Generally Available

When the Speech Detection feature is enabled in Cloudera Data Visualization Site Settings, you can enter spoken input in AI Visual and Natural Language Search inputs using the microphone icon.

VIZ-2922 – Persistent virtual warehouse selection for Impala and Hive connections

Virtual warehouse values are now retained when editing Cloudera Data Warehouse Impala or Hive connections. Previously, settings were saved with no memory of the virtual warehouse it came from, making it harder to track the original selection. Now, the selected warehouse is stored in the database, improving connection management. For more information, see [Editing basic data connection details](#).

VIZ-3106 – Data profiling support for Trino and Phoenix data connections [both Technical Preview]

Added data profiling support for Trino and Phoenix data connections, allowing you to analyze data characteristics and gain deeper insights.

VIZ-3140 – Refresh button for visual URLs

A new Refresh button has been added next to the visual URL on the job detail page (in email details). This button allows you to update the URL to reflect the current application location, which is useful if the domain or application name has changed, as these URLs do not update automatically. For more information, see [Email Details](#).

VIZ-2861 – Enhanced job debugging with detailed snapshot logs

Snapshot Logs tab has been added to the Run Details modal, providing additional job log details for debugging. The Download button allows you to export all run details in JSON format, which can be used for debugging or shared with others. For more information, see [Job runs](#).

VIZ-2845, VIZ-3148 – Enhanced security for secret settings

Secret settings values are now encrypted and masked immediately after being saved. This enhancement extends encryption to various user-inputted settings in Cloudera Data Visualization, for example authentication credentials for Mapbox, Jira, and Google Maps.

VIZ-3128 – Improved performance for API key page

The API key page has been rewritten for improved performance.

Fixed issues

VIZ-3103

Default user groups are no longer removed when SAML and VIZ groups sync on login. Users now retain their previous group associations, roles, permissions, and query history across sessions.

VIZ-3142, VIZ-3143, VIZ-3165, VIZ-3208

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 8.0.1.

VIZ-3157

The issue where switching at dataset's data connection did not persist has been resolved. The selected data connection now persists after saving the dataset changes.

VIZ-3192

Improved performance when loading a dashboard with a large number of visuals that contain filters.

VIZ-3198

Resolved an issue where opening an application in a new tab in Cloudera Data Visualization, when embedded in Cloudera AI, could result in the page being blocked or failing to load properly.

What's new in Cloudera Data Visualization 8.0.1

Cloudera Data Visualization 8.0.1 was released on February 27, 2025 introducing the following changes.

New features and improvements

VIZ-1584 – Swagger UI for API documentation

You can now access a Swagger UI at arc/apps/apidemo-v2/ for interactive API documentation based on the OpenAPI specification for all supported Cloudera Data Visualization API endpoints. This documentation provides a standardized overview of available endpoints, their operations, and the relevant parameters for each. It enables developers to better leverage Cloudera Data Visualization API endpoints for faster development and modular application design. For more information, see [Accessing Cloudera Data Visualization API documentation](#).

VIZ-2913 – Kerberos-authenticated data connection sync

Kerberos-authenticated data connections can now be synchronized between Cloudera AI Workbench (formerly Cloudera Machine Learning) and Cloudera Data Visualization.

VIZ-3111, VIZ-3112, VIZ-3134 – Streaming support for AI Visual

The AI Visual now supports streaming responses for completions generated by models hosted in Azure OpenAI, Amazon Bedrock, and Cloudera AI Inference.

Fixed issues

VIZ-2122

Improved communications regarding password management for autologin users.

VIZ-2995

When testing dataset SQL, a limit is temporarily appended. Running this test is not required for saving changes to a dataset's query.

VIZ-3083

Embedding a dashboard, Jobs status page, or SQL page without the page headers using the `embed=true` flag now works as expected.

VIZ-3089

Fixed a bug where custom or textbox parameter filters could prevent parameters from being passed correctly.

VIZ-3109

Fixed an issue where the Action dropdown on the Visuals page table view was not fully visible when fewer than two dashboards or applications were displayed in a Workspace. The dropdown now displays correctly.

VIZ-3114

Autogenerated queries containing newlines or special characters are now handled as expected.

VIZ-3129, VIZ-3141

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.9.

VIZ-3154

The Edit Join modal now properly scrolls when a long list of columns is shown.

What's new in Cloudera Data Visualization 8.0.0

Cloudera Data Visualization 8.0.0 was released on January 31, 2025 introducing the following changes.

New features and improvements

VIZ-2730, VIZ-2987, VIZ-3016, VIZ-3053, VIZ-3061, VIZ-3087 – AI visual now Generally Available

You can ask questions about your data using voice or text and receive query results, filtering, and additional context directly in the dashboard. It now features streaming support for faster responses, targeted parameter passing, and built-in support for more AI model sources. For more information, see [AI visual](#).

VIZ-902, VIZ-2378, VIZ-3009, VIZ-3010, VIZ-3096, VIZ-3104, VIZ-3105, VIZ-3110 – New data connections in Technical Preview

Cloudera Data Visualization now includes Trino and Phoenix data connections in Technical Preview. You can upload data, run queries, and visualize results using these new integrations. For more information, see [Connecting to a data source in Cloudera Data Visualization](#).

VIZ-2198, VIZ-2263, VIZ-3043, VIZ-3062, VIZ-3074 – Email job improvements

Email jobs have been improved for greater stability during high-latency periods. A new error message now appears in the Send Email modal when the attachment row limit exceeds the application's allowed threshold. Additionally, CSV/Excel downloads have been improved for better reliability.

VIZ-2887, VIZ-2934, VIZ-2965, VIZ-2977 – Filter enhancements

Filters have been improved with faster search, optimized queries, and a more intuitive interface.

VIZ-2921 – User-dependent cache for impersonation

A new user-dependent cache setting is now available in the Data Connection modal when impersonation is enabled. If activated, it appends the username of the logged in-user to the cache, ensuring that different results are displayed per user based on Ranger policies. For more information, see [Enabling impersonation and user dependent-cache for a data connection](#).

VIZ-2984 – Cloudera Data Visualization runtime deprecation in Cloudera Data Science Workbench

With the release of Cloudera Data Visualization 8.0.0, the Cloudera Data Visualization application runtime is no longer supported in Cloudera Data Science Workbench. Applications using a Cloudera Data Visualization 8.0.0 runtime will fail to launch in Cloudera Data Science Workbench. Attempting to upgrade an existing Cloudera Data Visualization application running in any Cloudera Data Science Workbench version to the 8.0.0 version of Cloudera Data Visualization may lead to database connection issues, data integrity problems, or unexpected behavior in Cloudera Data Visualization features.

Fixed issues**VIZ-3052, VIZ-3077, VIZ-3078**

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.9.

VIZ-3095

Data import to PostgreSQL data connections should now work as expected.

VIZ-2825

All datetime logged by the application are now set to UTC by default.

VIZ-3054

Users are now warned if they attempt to leave the **Site Settings** page with unsaved changes.

What's new in Cloudera Data Visualization 7.2.9

Cloudera Data Visualization 7.2.9 was released on December 18, 2024 introducing the following changes.

New features and improvements**VIZ-2917**

The sample application is now shown on the HOME and VISUALS pages as part of 'Samples'.

VIZ-2946, VIZ-3017, VIZ-3038

AI visual (Technical Preview) improvements including support for authenticated Cloudera AI models, new functionality to test models, and enhanced logging and visibility of the AI terms and conditions when enabling the AI visual.

Fixed issues

VIZ-2650, VIZ-2717, VIZ-2805, VIZ-3019, VIZ-3035, VIZ-3020, VIZ-3024, VIZ-3025, VIZ-3026, VIZ-3027, VIZ-3030

Various security and performance enhancements.

VIZ-2754

The 'Everyone' option is now available under Groups in the Add Workspace and Edit Workspace modals.

VIZ-2972

Improved CSV/Excel download at scale.

VIZ-2944

Improved log history for data extract jobs.

VIZ-3006

Constraints now prevent duplicate private workspaces.

VIZ-3042

Improved partitioned data extract creation to better handle when partitions are dropped.

What's new in Cloudera Data Visualization 7.2.8

Cloudera Data Visualization 7.2.8 was released on October 30, 2024 introducing the following changes.

New features and improvements

VIZ-825

You can analyze and summarize data characteristics in a dataset with the new Data Profiling feature. This tool helps you to understand data quality, structure, and identify patterns and trends for more informed decision making. For more information, see [Working with data profiling](#).

VIZ-2585, VIZ-2842

UI and performance improvements for Activity Log and Historical Log tables.

VIZ-2782, VIZ-2915

Clone and Delete actions are now available from the Dataset Detail page for users with appropriate permissions.

VIZ-2801

Discontinued support for older versions of several external database metastores to ensure compatibility with the latest security, performance, and feature updates introduced in Django 4.2.

Affected database versions:

- PostgreSQL 11 and lower
- MariaDB 10.3 and lower
- MySQL 5.7 and lower
- Oracle Database Server versions lower than 19c
- SQLite versions lower than 3.21.0

Users running any of the above database versions will need to upgrade their external database metastores to maintain full functionality with Cloudera Data Visualization.

Supported database versions:

- PostgreSQL 12+
- MariaDB 10.4+
- MySQL 8+
- Oracle Database Server 19c+
- SQLite 3.21.0+

To ensure compatibility and full feature support, upgrade to one of the supported database versions. Failure to upgrade to a supported version may lead to database connection issues, data integrity risks, or unexpected behavior in Cloudera Data Visualization features.

VIZ-2804

Added an option to create a new schedule interval in the Edit Job modal.

VIZ-2808, VIZ-2941

Introduced two new visual settings for histogram visuals. You can now set minimum and maximum values under **Settings Basic**, and separate columns using the checkbox available under **Settings Marks**.

Fixed issues**VIZ-987**

Fixed an issue where generation of new thumbnails while importing visual artifacts failed with an error message.

VIZ-2324

Removed the Explore visuals icon from the Dashboard Builder when the setting is disabled.

VIZ-2720, VIZ-2784, VIZ-2916

Additional performance and security improvements.

VIZ-2819, VIZ-2897, VIZ-2898, VIZ-2899, VIZ-2900, VIZ-2901, VIZ-2903, VIZ-2904, VIZ-2905

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.7.

VIZ-2869, VIZ-2923

Fixed an issue where dashboards with large numbers of visuals and filters would freeze when switching sheets.

VIZ-2870

Filters with app-level filter visibility now work as expected when cloning and importing visual artifacts.

VIZ-2871

Partitioned data extract refresh now works as expected with Impala tables running in Cloudera Base on premises 7.1.9.

VIZ-2880, VIZ-2945

Fixed an issue where CSV/Excel content downloads occasionally saved the HTML version of the page content instead of the requested data.

VIZ-2889

You can no longer reuse an existing data connection name when creating a new connection. When cloning a data connection, the system will automatically append a version number (for example: "_1") to the name of the new connection. This update resolves an issue where duplicate data connection names previously caused conflicts during visual artifact imports.

VIZ-2919

Searching within a filter now properly limits results based on columns specified as filter fields in the Filter Settings.

VIZ-2925, VIZ-2962

Visual artifact import and export for artifacts containing segments now work as expected.

What's new in Cloudera Data Visualization 7.2.7

Cloudera Data Visualization 7.2.7 was released on September 30, 2024 introducing the following changes.

New features and improvements**VIZ-1090, VIZ-2758, VIZ-2803, VIZ-2812**

The Schedule Jobs and Runs tabs have been updated with improved viewing and filtering capabilities for job logs.

VIZ-2813

You can now set values of less than a full day for the following Site Settings:

- Site Configuration > Notification maximum retention and Maximum days for expiring usage data
- Debugging and Logs > Check Interval and Maximum Retention Days
- Version Control > Unnamed Dataset Version Deletion Interval and Unnamed Dataset Version Maximum Retention Days

VIZ-2821

Search functionality has been added to the Manage Roles page to locate specific roles.

VIZ-2846

Support has been added for header and content alignment, along with column auto-sizing in the cross tab visual.

VIZ-2865, VIZ-2866

Improvements have been implemented for Daily Usage and Activity Log field summaries.

Fixed issues**VIZ-1074**

Creating a new schedule interval with the same name as a previously deleted schedule interval now works as expected.

VIZ-2006

Field conversion now functions properly for MySQL data connections.

VIZ-2499

Datasets from SQL queries can now be created even if a query ends with a semicolon.

VIZ-2737

Linked visuals no longer appear twice in the Delete Dataset modal.

VIZ-2759

Paragraph styles in the rich text visual are now responsive.

VIZ-2787, VIZ-2841, VIZ-2844, VIZ-2858

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.6.

VIZ-2829

For Cloudera Data Visualization applications running in the Cloudera Machine Learning Private Cloud Data Service, application initialization now continues even if the data connection syncing fails.

VIZ-2837, VIZ-2857

Other security and performance improvements.

VIZ-2840

Extract references are no longer shown on hover when viewing a dashboard's information card. Extract details can be found on the Data tab or when viewing the dataset directly.

VIZ-2868

Cloudera Data Visualization instances backed by PostgreSQL metadata can now be seamlessly upgraded from 7.2.5 to later versions.

What's new in Cloudera Data Visualization 7.2.6

Cloudera Data Visualization 7.2.6 was released on September 2, 2024 introducing the following changes.

New features and improvements

VIZ-2644 – Support for multiple completion and embedding models

Added support for saving multiple completion and embedding models within AI Settings [Technical Preview]. For more information on saving AI Engine profiles, see [Managing AI settings](#).

VIZ-2490, VIZ-2789 – Dataset versioning

Added support for dataset versioning [Technical Preview]. Using dataset versioning allows you to manage different versions of your datasets, which is especially useful when handling frequent updates or iterative changes. Versioning helps you to track changes and roll back to an earlier version if an error is introduced or an earlier version is preferred, ensuring data consistency and reliability. It also adds a layer of security and control, ensuring that data integrity is maintained even as datasets evolve. See [Managing version control site settings](#) and [Tracking dataset versions](#) for more information.

VIZ-2746, VIZ-2748 – Sentry group visibility in role management

Sentry Groups now appear when editing membership of a role from the Role Details page. Membership for roles imported from Sentry cannot be changed on this page and must be managed through the Sentry system.

VIZ-2662, VIZ-2663 – Updated icons

The icons for Exploring Visual Options and the AI Visual in the Visual Type Catalog have been updated.

VIZ-2739 – Improved column alignment in CSV files

Column alignment in CSV files attached to emails now mirrors that of downloaded CSV files.

Fixed issues

VIZ-1632, VIZ-2035, VIZ-2648, VIZ-2649, VIZ-2684, VIZ-2732, VIZ-2767, VIZ-2793, VIZ-2795, VIZ-2796

Implemented various security, performance, and user experience improvements across Cloudera Data Visualization.

VIZ-2151, VIZ-2152, VIZ-2731, VIZ-2749

Implemented fixes and improvements for Solr data connections [Technical Preview].

VIZ-2172

Kerberos login error messages are now properly surfaced when they occur.

VIZ-2429

Fixed an issue where the date range selector could become unresponsive when entering a custom range selection.

VIZ-2643, VIZ-2724, VIZ-2735, VIZ-2750, VIZ-2752, VIZ-2777

Implemented fixes and improvements for the recently redesigned Manage Users and Groups and Job Details interfaces.

VIZ-2738, VIZ-2765, VIZ-2771, VIZ-2772, VIZ-2773, VIZ-2791

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.5.

What's new in Cloudera Data Visualization 7.2.5

Cloudera Data Visualization 7.2.5 was released on June 28, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.5

VIZ-2678, VIZ-2685, VIZ-2688, VIZ-2705

UI and performance improvements for the Manage Roles and Role Detail interfaces.

Fixed issues in Cloudera Data Visualization 7.2.5

VIZ-2267

Fixed an issue where certain users without the Manage Custom Styles privilege were incorrectly able to clone and modify Rich Text Visuals.

VIZ-2557, VIZ-2638, VIZ-2639, VIZ-2641, VIZ-2672

Bug fixes and improvements for editing email jobs and viewing details of previous job runs.

VIZ-2602 & VIZ-2712

Fixed critical and high package vulnerability issues identified in Cloudera Data Visualization 7.2.4.

VIZ-2671, VIZ-2683, VIZ-2684, VIZ-2689, VIZ-2693, VIZ-2723

Bug fixes and performance improvements for loading, editing and deleting datasets using the Data page.

VIZ-2707

Fixed an issue where editing dataset fields for a newly created Impala column would cause a syntax error unless the dataset was saved after refreshing the table information.

VIZ-2721

Fixed an issue where CSV files sent as email attachments with lines exceeding 1000 characters could be truncated by email servers.

What's new in Cloudera Data Visualization 7.2.4

Cloudera Data Visualization 7.2.4 was released on May 30, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.4

VIZ-1272, VIZ-2673

The SQL editor window is now resizeable when editing a query on the Dataset page or SQL tab.

VIZ-2448

UI improvements for the Dataset deletion modal.

Fixed issues in Cloudera Data Visualization 7.2.4

VIZ-462, VIZ-2668

Bug fixes and UI improvements for the Role Details page.

VIZ-1522, VIZ-2636, VIZ-2637, VIZ-2642, VIZ-2658

Bug fixes and improvements for the Job Details page introduced in Cloudera Data Visualization 7.2.3.

VIZ-1855

Removed SparkSQL as a data extract source or target connection.

VIZ-2193, VIZ-2621, VIZ-2655, VIZ-2680

Bug fixes and improvements for the Job Status page.

VIZ-2352

Email jobs without associated attachments can now be scheduled and edited as expected.

VIZ-2450

Email configuration with SMTP servers without client authentication or with an unspecified password field now works as expected.

VIZ-2607

Fixed a bug where an error occurred while hovering on legend items in Area visuals.

VIZ-2628, VIZ-2660

Fixed a bug where dashboards that contained references to removed visuals could prevent deletion of datasets.

VIZ-2661

Sorting a table visual with multiple columns now works as expected.

VIZ-2666, VIZ-2667

Fixed critical and high package vulnerability issues identified in Cloudera Data Visualization 7.2.3.

What's new in Data Visualization 7.2.3

Cloudera Data Visualization (CDV) 7.2.3 was released on April 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.3

VIZ-1975, VIZ-2520, VIZ-2540, VIZ-2608, VIZ-2612, VIZ-2625,

The Job status and management interface has been enhanced with performance improvements and a new More Info option to view job details alongside logs of previous runs.

VIZ-2392

The Manage Roles Role Details interface has been redesigned for improved user experience and performance. Detailed descriptions of each privilege are now included.

VIZ-2389

Joins can now be aliased from within the Data Model interface.

Fixed issues in Cloudera Data Visualization 7.2.3

VIZ-1776 & VIZ-2622

Fixed a bug where SQL Query visuals mistakenly inherited limits from table visuals.

VIZ-1825

Resolved an issue where Search visuals could become stuck in an infinite loop in Edit mode.

VIZ-2527

The following changes were implemented for audit logging:

- Extract-related SQL queries are logged with type Data Connection instead of Dashboard.
- Username and IP address are logged when there is a direct initiator (such as most editing/viewing actions, ad-hoc email jobs, and data extract runs).

- IP addresses are not logged for scheduled events such as emails and data extracts. The IP address is localhost (127.0.0.1) for query executions related to snapshot creation.

VIZ-2562

Fixed a bug where table join expression validation failed in scenarios where at least three tables were joined and one of the tables contained a derived field that referenced a field of another table.

VIZ-2563

Time axis autobucketing now works as expected when building Bar visuals.

VIZ-2564

Histogram visuals now use shelf expressions correctly when composing data queries.

VIZ-2580

Connection explorer is now shown as expected when viewing a Solr data connection from the SQL tab.

VIZ-2586

Datasets containing only a single table are now correctly typed, even if the dataset previously contained multiple tables.

VIZ-2587

Join pairs are now updated when updating an existing join using the Data Model page.

VIZ-2596

Multi-sheet dashboards are now correctly rendered in the Dashboard Builder.

What's new in Data Visualization 7.2.2

Cloudera Data Visualization (CDV) 7.2.2 was released on March 28, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.2

VIZ-2258

Active Queries Detail now shows username for queued HTTP requests.

VIZ-2285

Implemented UI improvements for Manage URL Alias page and when generating a new Dashboard URL.

VIZ-2495, VIZ-2522, VIZ-2558, VIZ-2560

Implemented application-wide performance improvements.

Fixed issues in Cloudera Data Visualization 7.2.2

VIZ-1195

Fixed a bug where a ghost join to a null table was created if the Edit Join process was abandoned.

VIZ-1212, VIZ-1707, VIZ-2462, VIZ-2548

Implemented UI improvements and bug fixes on Activity Log page and when showing Query details in-dashboard.

VIZ-1816

Temporary folders created during thumbnail creation are now removed after Chromium is shut down.

VIZ-2074

Fixed an issue where the query detail popup did not open on the second page of the Queries tab.

VIZ-2479

Fixed a bug which prevented deletion of sheets other than the current active sheet.

VIZ-2513, VIZ-2566, VIZ-2567, VIZ-2569

Fixed critical and high package vulnerability issues identified in CDV 7.2.1.

VIZ-2550

Viewing data load details from the “This dashboard is still loading data” notification now works as expected.

VIZ-2571

Fixed a bug where an error could occur when cloning a dataset.

VIZ-2577

Fixed a bug where some users experienced autofill issues on the Site Settings page.

VIZ-2578

Data is now properly plotted in X-axis of bar and line visuals for date range field types.

What's new in Data Visualization 7.2.1

Cloudera Data Visualization (CDV) 7.2.1 was released on February 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.1

VIZ-2344, VIZ-2502

Popup and inline alerts for warnings and errors have been redesigned application-wide for improved readability, clarity, and accessibility.

VIZ-2482, VIZ-2483, VIZ-2486, VIZ-2491, VIZ-2516

Implemented application-wide performance improvements.

VIZ-2488, VIZ-2515

Functionality, UI, and performance improvements have been made to the Artificial Intelligence (AI) Assistant feature. [Technical Preview]

VIZ-2496, VIZ-2538

Improvements and fixes to the redesigned Visuals page, including the following:

- Shared and Private workspaces are now sorted and these lists can now be collapsed for easier navigation.
- The positions of the Public and Samples workspaces in the workspace list now reflect user permissions.
- Selected reports are now remembered when you switch between workspaces.

VIZ-2506

Dataset fields can now be marked as 'Sensitive' using Dataset Field Editor . Sensitive fields cannot be moved to visual shelves marked as sensitive, such as the 'Embedding Context' shelf of the Artificial Intelligence (AI) Assistant visual [Technical Preview].

Fixed issues in Cloudera Data Visualization 7.2.1

VIZ-1868, VIZ-2498, VIZ-2501

Custom fixed dimensional color ranges have been disabled for combo visuals. Custom color for measure value ranges is only enabled for visuals that support it: scatter, table, map, and heatmap. To use this feature on these visuals, ensure that the Color shelf contains a field with numerical values.

VIZ-2267

Users without Manage Custom Styles privilege are no longer able to clone and modify Rich Text visuals.

VIZ-2328, VIZ-2489

Fixed a bug where enabling visual transitions for Bar visuals with fields on the color shelf resulted in an error.

VIZ-2408, VIZ-2454, VIZ-2348, VIZ-2512, VIZ-2525, VIZ-2526

Fixed critical and high package vulnerability issues identified in CDV 7.2.0.

VIZ-2475

When downloading the result of a query, the desired row limit for the CSV can now be set using the UI as expected.

VIZ-2484

Snapshot browser session lifetime values have been consolidated to align with manually configured snapshot timeouts. Additionally, user authentication errors encountered during snapshot creation are now properly surfaced.

VIZ-2492

Excel email attachment creation for crosstab visuals without data results now works as expected.

VIZ-2493

Fixed an issue where exporting a dashboard from the Visuals page resulted in corrupted JSON.

VIZ-2497

Duplicate visual titles on the same dashboard are now correctly parsed when generating Excel downloads for email jobs.

VIZ-2499

Dataset creation from SQL query now works as expected when the query closes with a semicolon.

VIZ-2519

The 'Show Data' preview in Dataset Data Modal is now limited to 100 rows.

VIZ-2535

Additional controls have been added to Additional System Permissions privilege, ensuring that correct report totals by workspace are presented to those users.

What's new in Data Visualization 7.2.0

Cloudera Data Visualization (CDV) 7.2.0 was released on January 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.0

VIZ-2310

New visual type: Artificial Intelligence (AI) Assistant [Technical Preview]

The AI Assistant introduces a natural language interface for interacting with dashboards and datasets. The new visual type is available for SQLite and Solr data connections that contain vectorized column information that you would like to use for creating a Retrieval-Augmented Generation (RAG) chatbot. Data upload is now also available for Solr data connections, with support for vectorized fields in Solr 9.0+. For more information, see the [AI Assistant documentation](#).

VIZ-838

A new system-level privilege option called Additional system privileges has been added. Granting this privilege to a role enables users to perform the following actions:

- Set the homepage for all users
- Clone, delete, or edit dashboards in another user's private workspace

- Perform administrative restart/stop work operations
- Use Trusted Auth Get Ticket to request a ticket from the CDV Server.

For more information, see [Additional system privileges](#) in the system-level permissions documentation.

VIZ-843

Administrators or users with Additional system privilege can now easily move dashboards and apps to any workspace, including private ones.

VIZ-945, VIZ-2048, VIZ-2293, VIZ-2308, VIZ-2386, VIZ-2426, VIZ-2463, VIZ-2478

Application-wide performance improvements, including enhancements at application startup, during dashboard editing, and to loading the Data and Job Status interfaces.

VIZ-1424, VIZ-2432

The Visuals page has been redesigned for quicker loading and enhanced usability.

VIZ-1596, VIZ-2480

The Reorder sheet IDs to match positions option has been added to dashboards with multiple sheets. You can use this setting to update sheet numbers if a sheet is moved or deleted. For more information, see [Reordering sheet IDs](#).

VIZ-1903, VIZ-1937

Users can more granularly add aggregation to fields when creating data extracts. It is also possible to specify the same field with different aggregations multiple times in the same data extract.

VIZ-1993, VIZ-2461

Improved logging for errors that occur during data import.

VIZ-2449

Caddy access log format customization is now possible using the ACCESS_LOG_FORMAT environment variable.

VIZ-2468

Health checking HTTP requests no longer result in a new row being added to the CDV metadata table for Django sessions if the HTTP user agent is identified as one used by a health check procedure.

Fixed issues in Cloudera Data Visualization 7.2.0**VIZ-1194**

Fixed a bug where editing or canceling a second join within an existing dataset's data model could display details of a previously created join.

VIZ-1503

Canceling a running query from the SQL tab is now explicitly possible using a new 'Cancel' option.

VIZ-1662

When downloading CSV or Excel files, the queries' results are now saved in the cache.

VIZ-1677

"Query Timeout" and 'Queue Depth' parameters in the Advanced tab on applicable data connections have now been clarified.

VIZ-1853

Fixed a bug where filter dropdowns had unexpected overlap if stacked in a dashboard's filter bar.

VIZ-2153

The 'Add Data' icon is no longer displayed on the Recent Connections homepage tiles for read-only data connections.

VIZ-2277, VIZ-2348, VIZ-2407

Fixed critical and high package vulnerability issues identified in CDV 7.1.9.

VIZ-2325

Google Client Key can now be configured in Site Settings as required for Interactive Map visuals.

VIZ-2384

Fixed a bug where unexpected HTML elements could be included when downloading Query History from a dashboard's profile data modal.

VIZ-2385, VIZ-2383

SQL Query popups are now shown as expected for all queries within the Show Usage Info and Activity Log tables. Additionally, fixed a bug where the full query text popup could extend outside of the browser viewport for lengthy queries.

VIZ-2423

Connection syncing options for applications running in CML are now only shown when the underlying CML version permits connection syncing.

VIZ-2427

Setting a filter pattern using textbox input now works as expected.

VIZ-2442

Saved and Recent Queries launched from the Home interface are now displayed in the query editor as expected.

VIZ-2457

Fixed a bug where expressions with certain aggregations would return an error when placed on measure shelves during visual creation.

What's new in Data Visualization 7.1.9

Cloudera Data Visualization (CDV) 7.1.9 was released on December 22, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.9

VIZ-1078

Upgraded libraries now permit adding custom Mapbox styles to interactive map visuals.

Fixed issues in Cloudera Data Visualization 7.1.9

VIZ-2388

Improved error handling when an empty User or Admin Group is associated with a Data Visualization instance.

VIZ-2396

Data Visualization sessions are now cleared when User or Admin Groups, associated with the instance are updated from the Cloudera Data Warehouse service.

VIZ-2400

Saving a dashboard no longer generates a snapshotting error related to Pillow libraries.

VIZ-2402

Expected missing environmental variables are now reported with INFO level logging rather than ERROR level.

VIZ-2404

Resolved bugs in the Usage Analytics (Technical Preview) feature.

VIZ-2405

Fixed critical and high package vulnerability issues identified in CDV 7.1.5.

VIZ-2417

Query tracking IDs are now unique across connections to avoid collision on dashboards containing visuals from multiple data sources.

VIZ-2419

Fixed a bug where deleting a visual from an unsaved dashboard could trigger an error message about a non-existent report ID.

VIZ-2425

Resolved an issue where dataset creation on a data connection with connection-level caching could trigger an error message about a non-existent query.

VIZ-2431

Resolved bugs related to moving artifacts between workspaces.

What's new in Data Visualization 7.1.8

Cloudera Data Visualization (CDV) 7.1.8 was released on December 4, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.8

VIZ-1024, VIZ-2290, VIZ-2291, VIZ-2353

Application wide performance improvements, including enhancements for the Visuals and Data tabs.

VIZ-1191

Formatted SQL is now available when inspecting a query from historical and activity logs.

Fixed issues in Cloudera Data Visualization 7.1.8

VIZ-1607

Fixed a bug where the Select All option on a dashboard filter was not updated with a new selection if the parent filter field is changed.

VIZ-1806

Adding a custom color for a measure value range after changing color opacity value now correctly takes into account the selected opacity.

VIZ-2256

Fixed a bug where an error message could appear after selecting the Show Delta checkbox on the Logs and Usage WebServer Stats page.

VIZ-2268, VIZ-2272

Fixed a bug where the Jobs Overview page did not refresh after updating or editing an existing email job.

VIZ-2305

Resolved issue with browser autofill collision when entering data connection username and password.

What's new in Data Visualization 7.1.7

Cloudera Data Visualization (CDV) 7.1.7 was released on October 30, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.7

VIZ-2029, VIZ-2071

New functionalities have been added to the redesigned Notification Center.

- Notifications are automatically marked as read.
- Notifications can be pinned to prevent being cleared.
- Duplicate notifications are stacked to reduce clutter.
- Administrators can mute notifications across the entire application using a new site setting.

For more information, see [Notification center](#).

VIZ-1673, VIZ-1729

Creating or editing a dataset from SQL is now easier with autocompletion and syntax highlighting available in the dataset modal.

VIZ-2238

The default file size limit for static asset upload has been increased to 100 MB. You can configure this limit using the `DATA_UPLOAD_MAX_MEMORY_SIZE` flag in Site Settings Advanced Settings . Updated limits are now correctly displayed in the UI.

VIZ-2067

The default row upload limit is now shown when importing data using CSV. For performance reasons, it is recommended to upload files of 50 MB or less.

VIZ-1858

Job logs can now be filtered by date range from the Job Status page.

VIZ-2007

When inputting custom colors for measure value ranges, it is now possible to include decimals for increased precision.

VIZ-2250

The ability to generate a custom or shortened URL alias when sharing a dashboard and to manage existing URL aliases is now available to all users by default. The Enable URL Shortener site setting used during the technical preview of the feature has been removed.

VIZ-2292

The number of HTTP worker threads available to the CDV server is now configurable using the `HTTP_THREADS` environment variable. A higher number of HTTP worker threads improves performance when serving a high number of concurrent requests.

VIZ-2302

Retrieving and changing the log level is now possible using the Admin API.

Fixed issues in Cloudera Data Visualization 7.1.7

VIZ-938, VIZ-1298, VIZ-1317, VIZ-2221, VIZ-2086, VIZ-2203

Several bugs related to filters have been fixed.

- Numeric Range filters now reset as expected.

- Filter parameters passed using URL now override the default or saved values for the filters.
- Forward and back buttons that are available in View mode from the dashboard now advance or undo the filter states as expected.

VIZ-1025

The Edit and Refresh options now consistently appear in the Dashboard Builder for the SQL Queries visual type.

VIZ-2096, VIZ-2215

Performance improvements have been implemented for the Data and the Logs and Usage WebServer Stats pages.

VIZ-2111

Fixed a bug where tooltips on several visual types could display the text Missing instead of the desired field.

VIZ-2113

Fixed a bug which prevented anchoring a custom date range to a desired start date other than the current date.

VIZ-2223

The dashboard deletion confirmation message now appears after the action.

VIZ-2260

A configuration change has been made to allow the correct end-user IPs to be shown in activity logs for CDV applications running in CDSW or CML.

VIZ-2270

Multiple rows of email addresses in the To field when configuring an email job now display as expected.

VIZ-2275

Automatic field renaming during dataset creation now works as expected.

What's new in Data Visualization 7.1.6

Cloudera Data Visualization (CDV) 7.1.6 was released on September 19, 2023 introducing the following changes.

Security fixes and improvements in Cloudera Data Visualization 7.1.6

VIZ-1808, VIZ-2219

Fixed critical and high package vulnerability issues found in CDV 7.1.5.

VIZ-2269

CDW Impala and Hive Warehouse impersonation settings now set properly. Fixed in CDV 7.1.6.2-3.

What's new in Data Visualization 7.1.5

Cloudera Data Visualization (CDV) 7.1.5 was released on August 31, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.5

VIZ-1475

Better visualization for dimensions with mixed negative and positive values on a stacked bar chart is now available.

VIZ-2244

When configuring a data extract, you can now search for a column by name, as well as view the field types and complex data types available.

VIZ-819, VIZ-1695

The Cloudera Data Visualization login page has been updated with a new design, and the currently logged in username is shown when prompting for a password change.

Fixed issues in Cloudera Data Visualization 7.1.5**VIZ-1076, VIZ-1661**

The settings options shown in the Dashboard Builder for the Combined Bar/Line (Combo) visual now match the capabilities of the visual.

VIZ-2085

Fixed a bug where Extension visuals caused an error when performing API metadata updates.

VIZ-2104

Fixed a bug where special characters in a visual title resulted in a download file name with the visual title repeated.

VIZ-2126, VIZ-2227, VIZ-2230

Fixed critical and high package vulnerability issues found in CDV 7.1.4.

VIZ-2189

Fixed dropdown behavior for navigation bar on dataset pages.

VIZ-2232

Updated display format and default documentation links.

VIZ-2239

Max Retention Days settings for job logs are now properly respected in all time zones.

VIZ-2247

Snowflake data connections from CDV instances running in CDSW now work as expected.

VIZ-2249

Derived Data measures can now be used in box plot visuals.

What's new in Data Visualization 7.1.4

Cloudera Data Visualization (CDV) 7.1.4 was released on July 27, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.4**VIZ-842**

Existing job owners and system admins can now change a job's owner on the Job Status page. Jobs from deleted users will have unassigned owners, and will not be able to run until the owner is changed.

VIZ-1711

Filters now have an information pop-over that provides useful information such as the dataset and data connection the filter was created from. The filter ID is also included for easier performance and query debugging.

VIZ-1814

Site Administration Site Settings have been redesigned to make finding, using, and editing site-wide application settings easier. Users with the "Manage Site Settings" permission will see the new category view as well as a search functionality to make finding a specific control faster.

VIZ-2087 & VIZ 2099

The Manage Dashboard URL Aliases page now allows improved editing of aliases, including changing the redirect to point to a different dashboard or application.

VIZ-2095

CML connections and user permissions now sync automatically for new CDV applications running in CML. You can sync your data connections, similar to CML Data tab deployments of CDV. Additionally, CML project owners, admin, contributor, and site admin will automatically be assigned the system admin role in CDV. All other project collaborators will be visual consumers.

VIZ-2102

You can now search for a user by first or last name from the Manage Users & Groups page.

VIZ-2128

Performance improvements have been implemented to allow for faster application startup.

VIZ-2184 & VIZ-2185

Significant improvements have been made to the Activity Log Current Load and Activity Log WebServer Stats tabs, providing better and more understandable monitoring of active queries and counters.

VIZ-2191

Design changes have been implemented in the Notification Center to improve readability and fix an issue where a lengthy list of new notifications could appear longer than the modal.

Fixed issues in Cloudera Data Visualization 7.1.4**VIZ-958**

The greater-than and less-than selectors within the Custom Colors for Measure Value Ranges settings should now display properly on all screen sizes.

VIZ-1820

Configurations for data connections to Solr instances using Knox are now available.

VIZ-1904, VIZ-1907, VIZ-1910, VIZ-2125

Fixed critical and high package vulnerability issues found in CDV 7.1.3.

VIZ-1946

The Explore Visual Types wizard for visuals with a color shelf now works as expected.

VIZ-2047

Fixed dashboard and dataset association migration.

VIZ-2058

Fixed a bug where minimum and maximum aggregates were incorrectly passed within the Histogram visual type, resulting in an unexpected error when building this visual.

VIZ-2112

Dimension color sort order is now consistently applied across all bars of a stacked bar visual, even when some columns are missing specific values.

VIZ-2131

Editing a job from the Job Status page should now work as expected.

VIZ-2160

Fixed a bug where the Dashboard Designer Filters sidebar would occasionally display columns from the wrong dataset upon page refresh.

VIZ-2206

Success and warning alerts should now close properly.

What's new in Data Visualization 7.1.3

Cloudera Data Visualization (CDV) 7.1.3 was released on May 31, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.3

VIZ-775

Unsaved changes are preserved when cloning a dashboard.

VIZ-1811, VIZ-2075

Added API endpoints for creating API keys and editing the user profile.

VIZ-1962, VIZ-2045

Improved URL aliases with a new admin management page and better information in the email modal.

VIZ-2025

Improved performance of SQL tab.

VIZ-2054, VIZ-2060

Improved PNG/PDF download for multi-sheet dashboards and added support for East Asian languages.

VIZ-2063

Added setting adjustment and retry for handling common Hive connection errors.

Fixed issues in Cloudera Data Visualization 7.1.3

VIZ-1919, VIZ-2053

Added fixes for handling partitions, including icon for partitioned field in the dataset page.

VIZ-1934

Fixed display of threshold values when editing an existing job.

VIZ-2027

Added data connection name and type into the Historical logs tab of the Dashboard Profile data.

VIZ-2043, VIZ-2070, VIZ-2084

Various CSV/Excel download fixes including preserving capitalization in Impala, better handling of NAN/INF numeric values, and fixed formatting errors for NULL and incorrect date values.

VIZ-2050

Fixed issue so visual artifacts are always imported with the “Disregard artifacts that exist in other workspaces” option selected.

What's new in Data Visualization 7.1.2

Cloudera Data Visualization (CDV) 7.1.2 was released on April 28, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.2

VIZ-334, VIZ-1963

Short URLs of a specific sheet, dashboard, and set of parameters can be created when getting the URL for a dashboard or application. These short URLs can be easily shared with collaborators.

VIZ-596

A warning is automatically shown to any users accessing CDV in Internet Explorer. As a reminder, for best results Cloudera recommends using Google Chrome or Microsoft Edge browser. Some features may not function properly with other browsers.

VIZ-1211, VIZ-1268, VIZ-1617

Null values can be excluded for all filter types. This ability can be disabled in the 'Basic' filter settings using the 'Permit selection of NULL values' setting.

VIZ-1230

Favorited dashboards are now shown on a user's default homepage.

VIZ-1368

Improvements for setting the default homepage for all users, per-user specific dashboards as homepages, and resetting the homepage to default.

VIZ-1730

When importing new tables into a data connection, there are now options for immediately creating a dataset or dashboard from the imported table.

VIZ-1990

When deleting a data extract, the option to drop the extract's target table from the database is now available.

Fixed issues in Cloudera Data Visualization 7.1.2**VIZ-980, VIZ-2009**

Bug fixes and improvements for the `cviz_rest` function.

VIZ-1735, VIZ-1915, VIZ-1971, VIZ-1981, VIZ-2012, VIZ-2015

Bug fixes and performance improvements for data extracts.

VIZ-1758

Changing the sort priority on a trellised visual now works as expected.

VIZ-1881

If a query fails due to a `parseexception`, the failed query will be displayed in the query logs.

VIZ-1917

Improved sorting indicator for tables used in the product.

VIZ-1918

Broken image links on two sample dashboards have been updated.

VIZ-1959

Wrap column contents settings for table visual now works as expected.

VIZ-1997, VIZ-1998

The format editor for the rich text visual and email template builder now works as expected.

VIZ-2011

Using the 'Segment' dimension in a visual's filters shelf now works as expected.

VIZ-2024

Fixed a bug where importing visual artifacts containing dataset segments showed a 'Cannot parse segments' error.

VIZ-2028

Launching the Explore Visuals modal from the Visual Builder now works as expected.

What's new in Data Visualization 7.1.1

Cloudera Data Visualization (CDV) 7.1.1 was released on March 9, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.1**VIZ-1062**

Added new settings for hiding the trellis labels for the KPI visual.

VIZ-1420, VIZ-1555

Impala and Hive connections now stream CSV/XLS downloads. This means downloads are no longer constrained by the 'Maximum data rows for visuals' site setting.

VIZ-1631

Improved performance of the 'Users & Groups' page.

VIZ-1683, VIZ-1684

Improved process for detecting errors in advanced site settings. This has also resulted in deprecation of redundant environmental variables for disabling advanced site settings.

VIZ-1781

Made the instructions on 'Setting Workload Password' easier to copy.

VIZ-1873

Job logs older than a year are now deleted every week. Deletion settings are configurable for admins in site settings.

Fixed issues in Cloudera Data Visualization 7.1.1**VIZ-1279, VIZ-1863, VIZ-1877, VIZ-1922, VIZ-1928, VIZ-1952, VIZ-1961**

Improved data extracts. This includes enabling extracts on multi-table datasets with partitions, updating extract target and source tags, and other data extract creation improvements.

VIZ-1923, VIZ-1950

Fixed an error that prevented users from editing fields not present in data extracts.

VIZ-1927

Enabled non-admin users with 'View Activity Logs' permissions to view the 'WebServer Stats'.

VIZ-1967

Added 'Switch Dataset' option to range filter and properly saved dataset changes.

What's new in Data Visualization 7.1.0

Cloudera Data Visualization (CDV) 7.1.0 was released on February 3, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.0**VIZ-499**

Data Extracts are now available for accelerated visualization. Data Extracts are a tool for managing the analytical capabilities, performance, concurrency and security of data access across data connections. placeholder

VIZ-600

A new notification center allows you to quickly view application errors. For admin users and users with the "View activity logs" privilege, webserver errors (such as issues with applying advanced site settings) are available in this new notification center. All users can view browser-level errors that might be affecting CDV.

VIZ-1728

You can now create datasets or add data to a data connection directly from the homepage.

VIZ-1670

A new "View Users and Roles" privilege can now be set to allow users with Create Workspace permissions to search the user database when adding new members to a workspace.

VIZ-1723

Percentage range can be specified as a custom color for measure value ranges.

VIZ-1859

Functionality added to filter Job Logs by job creator as well as job type and job status.

VIZ-1772

Performance improvement for dashboard loading in View mode.

VIZ-1397

UI improvements to the default CDV Homepage.

Fixed issues in Cloudera Data Visualization 7.1.0**VIZ-792**

Dataset-defined color settings should now work as expected when adding a field to the Colors shelf in the Visual Builder interface.

VIZ-1269

URL parameters save and clear as expected when navigating between dashboards and tabs within an application.

VIZ-1457

Temporary dashboard errors related to query cancellation are now reset after requests complete.

VIZ-1505

Duplicate query rows no longer appear in the Show Usage Info > Queries modal.

VIZ-1512

Changing the SQL for a SQL-based dataset refreshes the result cache for the dataset.

VIZ-1540, VIZ-1664, VIZ-1665, VIZ-1754, VIZ-1826, VIZ-1833

Fixed critical and high package vulnerability findings in CDV 7.0.5.

VIZ-1710

Fixed a bug where applying a dataset switch to all visuals on the sheet did not work as expected.

VIZ-1726

Fix for linked visuals to avoid visual cloning.

VIZ-1799

Data Connection types that support data refresh from Connection Explorer now see refresh alongside other connection options.

VIZ-1810

Fix for setting query timeout maximum in cases where customized values were previously set in advanced site settings.

VIZ-1817

Fixed a bug where the bars in a trellised bar chart could overlap each other when multiple filters were selected.

VIZ-1845

Fixed issue where null binary characters could cause email jobs with XSLX file attachments to fail with a snapshot generation error.

VIZ-1847

Visual title edits on dashboards with multiple sheets should now save as expected.

VIZ-1861

Changing column position in a table visual now works as expected.

VIZ-1876, VIZ-1896

Fixed a bug where a filter on a column name that contained a space or special character could return a syntax error in some instances. Fixed in CDV 7.1.0-b3.

What's new in Data Visualization 7.0.5

Cloudera Data Visualization (CDV) 7.0.5 was released on December 7, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.5

VIZ-1685, VIZ-971

Application server errors, including issues applying advanced site settings, will now be displayed in the new notification center.

VIZ-1179

Improved page loading performance with better asset bundling.

VIZ-119

Dashboard filters can now be added by dragging and dropping into the dashboard.

VIZ-1567

Added data loading indication on the homepage.

VIZ-1568

New script was added to clean up duplicate permissions in dataset and data connection roles.

VIZ-1001

Improved title casing logic for datasets, especially when changing data model through additional joins.

VIZ-1671

Connection concurrency by connection or user, as well as query timeout maximum and default values, can be customized in advanced site settings.

VIZ-1765, VIZ-1577

Made changes to prevent duplicate artifacts when importing visuals. Existing artifacts with the same uuid will now be updated.

VIZ-1796

The visuals page search now allows users to search for dashboard IDs associated with apps, or visual IDs associated with dashboards.

VIZ-1416

Added options for vertical in addition to horizontal gridlines in bar, line, area, boxplot, and scatter visuals.

Fixed issues in Cloudera Data Visualization 7.0.5

VIZ-1803

Fixed “Edit Dataset SQL” button in dashboard editor for visuals using SQL-based datasets.

VIZ-1615

Default to “binary” connection mode for Impala connections.

VIZ-1612

Fixed issue where emails ignored custom email templates.

VIZ-1724

Table and crosstab expansion now works properly for quoted values across all connection types.

VIZ-1256

Improve accessibility for resizing columns when editing cross tab visuals.

VIZ-739

Fixed issue with trellised bar graphs that have independent dimensions.

VIZ-1469

Fixed setting for reversing color palette.

VIZ-1807

The query timeout value when editing a data connection is now properly displayed.

VIZ-1669

Fixed issue where edited text in HTML or raw SQL visuals are discarded upon screen resize.

VIZ-1790, VIZ-1516, VIZ-1515, VIZ-1514

Filter and table settings are disabled now if they have no effect due to another setting's value.

VIZ-1720

Fixed alignment for headline table layout.

VIZ-726, VIZ-1692

Fixed styling for the “Drill Into” and Natural Language Search dropdowns.

VIZ-1718

Fixed issue where global filter changes were saved even after canceling.

VIZ-1716, VIZ-1713, VIZ-1706

Made various style improvements to application navbar, sheet name editing, and issue icon dashboard.

VIZ-1525

Improved activity log column header alignment on large screens.

VIZ-1454

Added indication when there are no CDW Impala or Hive warehouse options.

What's new in Data Visualization 7.0.4

Cloudera Data Visualization (CDV) 7.0.4 was released on October 28, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.4

VIZ-1627

Save selections made in edit mode setting is now available for all filter types. When unselected, filter values selected by the dashboard editor will not be the default in edit mode.

VIZ-1107

Improved the Expansion feature for cross tabulation visuals to more intuitively aggregate across row dimensions.

VIZ-1689

Cross Tabulation visual headers are now more readable, with tooltips for titles that are too long to display.

VIZ-1589

When selecting values for a visual filter, there is now a Select All for bulk selection of the shown filter values.

VIZ-1668

The build tab in Dashboard Designer can now be expanded to allow for greater readability.

Fixed issues in Cloudera Data Visualization 7.0.4

VIZ-938

Range filters should now reset as expected when using the reset icon on a dashboard.

VIZ-1060, VIZ-1143

Fixed bugs related to color selection on custom fields and when adding custom background colors to dimension and measures in a crosstab or table visual.

VIZ-872, VIZ-1518, VIZ-1639, VIZ-1638

CSV and Excel download improvements and bug fixes.

VIZ-1275, VIZ-1641, VIZ-1007

Optimized application menu and dashboard sheet rendering for smaller screens.

VIZ-1357

The export button on the Visuals page now behaves as expected.

VIZ-1676

Remember previous selections picklist setting has been renamed to “Remember previous selections when searching” for specificity.

VIZ-1500

Dataset search should now work as expected.

VIZ-1573

Field statistics histogram should now display frequency values in tooltips as expected.

VIZ-1608

Adding users or groups via Edit Workspace modal should now work as expected.

VIZ-1640, VIZ-1719

Bug fixes for creating and editing scheduled jobs

VIZ-1633

Special characters that are not possible to display should now show an icon indicating as such, rather than throwing an error.

VIZ-1634

Users that do not have access to one or more datasets used in a dashboard will now see an error message warning them of such, rather than a blank dashboard.

VIZ-1702

Fixed a bug where line labels on a combined bar/line visual for which display formatting has been applied did not appear correctly.

VIZ-1644

Fixed a bug where editing the title of a picklist filter did not save changes correctly.

VIZ-1637

Pagination for SQL page now appears as expected.

VIZ-1702

JS error when line labels are enabled with display formatting for combined visuals.

Fixed in CDV 7.0.4-b41

VIZ-1733

Switching dashboard sheets in view mode results in JS error.

Fixed in CDV 7.0.4-b41

VIZ-1742

Trigger Jobs fail with "name 'username' is not defined" NameError.

Fixed in CDV 7.0.4-b41

VIZ-1743

Emailing jobs fail when SSL and TLS errors are disabled.

Fixed in CDV 7.0.4-b41

What's new in Data Visualization 7.0.3

Cloudera Data Visualization (CDV) 7.0.3 was released on September 30, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.3

VIZ-1480

Daterange filters can be set to default to the max date rather than a fixed date.

VIZ-1519

CSV and Excel downloads show additional information when download or view fails because of global download row or size limit.

VIZ-1543

Dataset field names no longer allow parenthesis to avoid potential issues if used in filters.

VIZ-1463

Added settings to fine-tune the appearance of the alert when a query is taking an unusually long time, and enable/disable alerts for this purpose in View mode.

VIZ-1560

Query canceling is now immediately visible for each visual as it loads.

VIZ-1341

CDW Impala and CDW Hive connections now include Client Identifier and Application Name with a default of 'viz'. This is configurable from connection settings.

VIZ-1452

It is now possible to filter for only the rows that have NULL for a particular field value.

VIZ-801

Improvements for the Packed Bubbles visual type, including better handling of dimensions placed on the Colors shelf and enablement of legend.

VIZ-863, VIZ-1053, VIZ-1642

Improvements for resizing visuals and dashboard width in Edit mode.

VIZ-1290, VIZ-1359, VIZ-1360

Improvements to the Crosstab visual type, including aligning the totals row, showing adjacent duplicate values, and allowing text selection in View mode.

Fixed issues in Cloudera Data Visualization 7.0.3

VIZ-1532, VIZ-1533, VIZ-1534, VIZ-1539

Fixed critical and high package vulnerability findings in CDV 7.0.2.

VIZ-1188, VIZ-1485, VIZ-1600, VIZ-1601, VIZ-1602, VIZ-1663

Improved the dataset selector for visuals and filters in the dashboard builder:

- The selected dataset in the filter tab now shows the correct fields and the data connections selector is always enabled.
- The data connections on the filters tab are now alphabetically sorted.
- All edited visuals are now listed as recent visuals in the visuals tab.

VIZ-1414, VIZ-1636

Fixed errors when downloading data as excel:

- Excel downloads that use results from cache no longer return just the headers and one column of data.
- Downloading fields with date display formats no longer throws an error.

VIZ-1526

Fixed a bug where renaming a column in the dataset breaks previously created dashboards using that column as a filter.

VIZ-1622

Fixed errors with editing and creating scheduled intervals in the Email form.

VIZ-787

Fixed a bug where filtering using an in-grid and app-scope filter did not apply on the target dashboard as expected.

VIZ-1565

Search bar in “Pick a Dashboard” modal during Sheet import now works as expected.

VIZ-1595

Fixed a bug where some users reported seeing the “What’s New” modal upon each login, even after clearing the modal.

VIZ-1591

Improved auditing of visual deletion when deleting dashboards and datasets.

VIZ-1562, VIZ-1651

Cloning a visual within a dashboard now works as expected, and metadata for cloned visuals now correctly updates create_user and update_user.

VIZ-1587, VIZ-1618

Fixed a bug where editing and viewing different sheets on a dashboard resulted in unexpected sheets being loaded if the sheets had been rearranged from their initial positions.

VIZ-1388, VIZ-1593

Bug fixes for Bar and Line visual types, including fixing the appearance of labels.

VIZ-1474, VIZ-1561

Bug fixes for display formats configured within a dataset.

VIZ-1409, VIZ-1435, VIZ-1605, VIZ-1610

Bug fixes and improvements for emailing dashboards and configuring email jobs.

VIZ-918, VIZ-1294, VIZ-1619, VIZ-1624

Bug fixes and improvements for the Data Extracts technical preview feature.

VIZ-1652

Non-legacy Impala and Arcengine connections will show comment prefixes indicating the visual, dashboard, and dataset that triggered the query

VIZ-1605

If the user hasn’t dismissed the “What’s New” modal using the “Got It” button, it can appear in emailed dashboards.

What's new in Data Visualization 7.0.2

Cloudera Data Visualization (CDV) 7.0.2 was released on August 9, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.2

VIZ-1364

It is now possible to search for dashboards, applications, datasets, or documentation from anywhere in the application.

VIZ-935, VIZ-1401, VIZ-1349, VIZ-1003

Several improvements to filters and filtering:

- Improved display of the user-added values in filters.

- Relative date filters are now included in URL parameters and email jobs.
- NULL values can be included or excluded in date filters.
- Filter width settings can now be adjusted as expected.

VIZ-1338

New site setting to allow administrators to disable manual user creation from within the application. This helps preventing username collisions between SSO users and manually created users.

VIZ-1177

The workspace description is now shown on hover when viewing the list of workspaces from the Visuals tab.

VIZ-1231

A “Copy to Clipboard” button was added to the Get URL modal to make sharing parameterized links easier.

Fixed issues in Cloudera Data Visualization 7.0.2**VIZ-1361, VIZ-1300, VIZ-1363**

Fixed critical and high package vulnerability findings in CDV 7.0.1.

VIZ-1568

Fixed a known issue where Impala connections using kerberos resulted in a connection error that was discovered in the 7.0.2-b35 version of 7.0.2.

VIZ-1472

Fixed a known issue where updating CDV from 6.4.1 to 7.0.1 in CDSW or CML required an additional environmental variable to be set in the project.

VIZ-829

Fixed a bug where clicking the CANCEL button in the Edit User or New User modals could display an unexpected validation error instead of closing the modal.

VIZ-1486

Fixed a bug where emailing a dashboard failed with a security protocol error.

VIZ-890

Non-admin users with “Manage roles and users” permission can now create, edit, and delete roles as expected.

VIZ-601

Bug fixes and improvements for the Data Extracts technical preview feature.

VIZ-1412

Direct Access SQL now applies CSV download limits as expected.

VIZ-1478

Fixed a bug where users would see an application navigation error when a dashboard within the application contained an in-grid filter.

VIZ-809

Data type icons now appear as expected when adding fields to filter shelves.

VIZ-1419

Fixed a bug where direct access could show "no available connection" message unexpectedly.

VIZ-1499

Datasets created from SQL will no longer show a truncated query in some instances.

VIZ-1459

Axis scale disabling now works as expected with multiple aggregates on the color shelf.

VIZ-1358

Fixed a bug when editing a dashboard where the context menu on a visual required an additional click to open.

VIZ-1483

Fixed a bug where the Left, Center and Right Align icons didn't appear next to their respective radio buttons in the Dashboard Settings pane.

What's new in Data Visualization 7.0.1

Cloudera Data Visualization (CDV) 7.0.1 was released on June 29, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.1

VIZ-1396

[Tech Preview] Data connections to Snowflake are now available as a technical preview feature.

VIZ-1315, VIZ-1427, and VIZ-1441

Introduced a per-user concurrency setting in data connections that allow users to limit the number of queries a single user can occupy. This prevents one user from blocking connection access for an entire connection. Added a Current Load panel to the Profile Data modal that allows users to view and manage ongoing queries.

VIZ-1336 and VIZ-1149

Added dataset switching to filters, so users can quickly change the filter across datasets and connections. Users can now also quickly change the dataset for all filters and visuals in a sheet.

VIZ-672

The dashboard layout interface now includes names and images of relevant visuals for easier visual identification when moving and resizing visuals.

VIZ-1351

When editing a Dashboard's style in the Dashboard Designer modal, it is now possible to reset all styles to original.

Fixed issues in Cloudera Data Visualization 7.0.1

VIZ-274, VIZ-284, VIZ-802, VIZ-1432, VIZ-1433, VIZ-1434, VIZ-1444

Security fixes and usability improvements.

VIZ-540 and VIZ-1295

Fixed a bug with importing visual artifacts with segments or time wrap or where the dashboard being imported had been cloned within another CDV instance.

VIZ-645

Dashboard and visual background color styles now interact and reset as expected.

VIZ-652

Improved timeout process for chrome processes initiated by thumbnail generation.

VIZ-740

Error messages when importing data from a CSV file should now appear and reset as expected.

VIZ-837

Users logging in for the first time will no longer see a message about their last login occurring on an invalid date.

VIZ-923

Fixed a bug where deleting app scope filters could leave an empty filter widget in Dashboard sheets.

VIZ-1196

Email protocol settings are now selectable as expected.

VIZ-1311

HTML visuals and custom filters now appear in emailed dashboards as expected.

VIZ-1337

SQLite data connection creation is now disabled in CDV instances running in CDV, as locally created SQLite files are transient in that environment.

VIZ-1345

Editing Scheduled Email jobs should no longer throw an error on the schedule interval.

VIZ-1370

Fixed a bug where a user could see a reference error when building a visual with a secondary axis.

VIZ-1390

Fixed a bug where a dashboard's filter parameter popup could become stuck if clicked.

VIZ-1392

Dashboard and visual info now shows upon hover when adding a recently created visual to a dashboard using Dashboard Builder.

VIZ-1406

Fixed a bug with the Table Browser that could prevent joining new tables in an existing Dataset.

VIZ-1445

Direct access functionality will now appear only on supported connection types.

What's new in Data Visualization 7.0.0

Cloudera Data Visualization (CDV) 7.0.0 was released on May 17, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.0

VIZ-20

Some major updates have been made to the Bootstrap and jQuery libraries. Bootstrap was upgraded from 3.3.7 to 4.6.0 and jQuery was upgraded from 2.2.4 to 3.6.0. This change has a potential impact to customers who have created Custom Styles in earlier versions of CDV, since they would potentially contain code that references legacy Bootstrap classes or jQuery methods in their CSS and/or JS respectively. For more information, see the [Custom Styles Migration Guide](#).

VIZ-1115 & VIZ-1217

You can query your data directly through a new SQL tab in the top navigation bar, and a new homepage layout has been introduced so you can quickly add and access recent queries, data connections, and datasets alongside their dashboards and applications. From the SQL tab, you can now create a new dataset or dashboard from a query with a single click. Additionally, when editing a dashboard, updating a SQL-based dataset is even easier with the new Edit Dataset SQL option from the in-visual options menu.

VIZ-1328

[Tech Preview] Data Extracts are now available as a technical preview feature. Data Extracts help with managing the analytical capabilities, performance, concurrency, and security of data access across data connections. For more information, contact your Cloudera representative.

Fixed issues in Cloudera Data Visualization 7.0.0

VIZ-1220

Fixed a bug where a dashboard could become uneditable after disabling Custom Styles.

VIZ-1270

Fixed a bug where roles were not deletable from the Manage Roles interface.

VIZ-1313

Additional bug fixes and usability improvements.

VIZ-1333

Dashboards now appear in a searchable list in the Set Homepage interface.

VIZ-1339

Show/Hide Password toggles in the Change My Password modal now work as expected.

VIZ-1367

Visuals without a secondary axis should no longer display settings options for the secondary axis.

December 17, 2021 - CVE-2021-44228

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.5-b5

Cloudera released a new version of CDP Data Visualization (CDV). This new version addresses CVE-2021-44228 which affects products using Apache Log4j2 versions 2.0 through 2.14.1.

CDV is not written in Java and therefore is not vulnerable. However, as the custom CDP Data Visualization engine is built upon a CML engine, it has been updated to the newly released version of the CML engine that removes the vulnerability reported in CVE-2021-44228. For more information about the new CML engine, see [CVE-2021-44228 Remediation for CML Data Service](#).

If you use CDV with Cloudera Machine Learning, update your CML engine to the latest version, which includes fixes for the log4j2 security vulnerability in CML. After updating the engine to the latest version, running CDV instances (applications) should be restarted.

If you use CDV with Cloudera Data Science Workbench, no action is required.

December 10, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.4-b13

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.3.4-b13

New features and improvements

VIZ-810

When adding a filter shelf to a visual, it is now possible to add and edit a custom filter expression directly from the filter modal.

VIZ-896

Cross Tabulation, Row Listing, and Table visuals now use a default number format with comma separators if a display format is not specified.

VIZ-917

Dashboard snapshot timeouts are now configurable by using an advanced site setting flag.

VIZ-925

The Dataset ID is now shown for each dataset listed on the Dataset overview page.

Fixed issues

VIZ-436

Dashboard-level settings for showing detail data in context menu now work as expected.

VIZ-915

Fixed a bug where dashboard titles could appear editable in view mode.

VIZ-916

Dashboard reset after drill-into now refreshes the dashboard as expected.

VIZ-952

Fixed a bug where setting the default homepage for all users as an admin user failed to save.

VIZ-986

Fixed a bug where importing a dashboard and running a data table compatibility check resulted in an unexpected error.

November 8, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.3-b43

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.3.3-b43

New features and improvements**VIZ-475**

Checking dataset compatibility when importing a dataset from SQL is now possible.

VIZ-612

Including or excluding a data point from a visual now shows a confirmation message prior to visual refresh.

VIZ-680, VIZ-745, VIZ-877 and VIZ-878

Several improvements have been implemented for the Timeline visual type, including adding default x-axis formatting, easier display format selection, and the option to add a legend.

VIZ-721

You can now use the EDIT button on the dataset field tile to streamline the dataset editing process.

VIZ-750

When configuring custom site settings, errors encountered in the startup process are now logged and bypassed instead of blocking the startup, to allow for easier debugging.

VIZ-847

Configuring a visual's click behavior is now easier with new context menu options available in build mode.

VIZ-908

Job logs can now be filtered by job type and status.

Fixed issues**VIZ-385**

Fixed a bug where only one column was shown for large tables in Sample Data inside the Connection Explorer.

VIZ-414, VIZ-862

Table fields with varchar, large, or irregular characters in comments are now parsed properly during dataset creation.

VIZ-696, VIZ-901

Other bug fixes and UI improvements.

VIZ-732

Fixed a bug where the menu for an on-dashboard filter could appear behind the visual.

VIZ-859, VIZ-860

Fixed data connection modal bugs where multiple empty parameter rows could be added, or non-numeric values could be saved in fields where they could cause errors.

VIZ-876

Downloaded Detail Data from a visual is now filtered as expected.

VIZ-942

Fixed a bug where CDV instances using a MySQL metadata store could see an error while upgrading.

September 30, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.2-b29

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cds-dataviz:6.3.2-b29

New features and improvements

VIZ-398

A new style setting allows the user to change the font weight of row and column summaries. Data summary settings have also been moved into their own subsection for better discoverability.

VIZ-473

Dashboards created for the purpose of threshold-triggered jobs are now editable.

VIZ-713

It is now possible to chain multiple conditions for threshold based emails.

VIZ-689, VIZ-848, VIZ-861, VIZ-880, VIZ-897

Additional UI and usability improvements.

VIZ-234, VIZ-641, VIZ-835

Other security fixes and improvements.

Fixed issues

VIZ-99 & VIZ-304

Users with first names or last names longer than 30 characters can now be created as expected.

VIZ-316

Downloads of SQL visual types now inherit global limit settings from Site Settings as expected.

VIZ-384 & VIZ-886

Fixed a bug where CSV or Excel download could apply an unwanted default display format to some columns, or fail to show a display format that had been added.

VIZ-418

Fixed a bug where infinity or NaN values in Impala caused an error.

VIZ-545

PDF or PNG downloads for slow-loading dashboards now display fully rendered visuals rather than progress bar icons.

VIZ-693

Fixed a bug where a label on a scatter visual would be hidden while hovering.

VIZ-714

The create threshold functionality in the email jobs modal now works as expected.

VIZ-722

Highlighting elements by hovering over legend items now works as expected.

VIZ-724

The visual setting option to hover over a dimension and show each point with that dimensional value functionality now works as expected.

VIZ-747

Using an image in an Action visual now works as expected.

VIZ-757

Fixed a bug where time control in a dashboard's filter bar was not removable once added to dashboard.

VIZ-784 & VIZ 808

Display formats should now appear as expected in Grouped Bar and Row Listing visuals.

VIZ-790

Dimension color palettes now accept typed-in choices when configuring background colors for Table and Cross Tabulation visuals.

VIZ-804

Fixed a bug where rearranging elements in Heatmap visual shelves was not saved as expected.

VIZ-832

Email jobs with send limits greater than once per day should now be triggered as expected.

VIZ-857

Default date formatting on x-axis of bar visuals should now work as expected.

VIZ-885

Setting CSV download locale in the dashboard and visual settings now works as expected.

VIZ-891

Fixed a bug where LDAP Mirror Groups did not work as expected in version 6.3.1.

August 24, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.1-b27

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.3.1-b27

New features and improvements

VIZ-383

Display formats are now applied as expected on CSV and XLS downloads when the data connection type is Impala or Arcadia.

VIZ-434

You can drill-into your data from the context menu to discover more granular information for a particular data point by examining other dimensions of your data.

VIZ-647

New icons have been added to the username display based on user type — an asterisk appears for admin users and a checkmark appears for LDAP/SSO-signed users.

VIZ-700

Usability improvements have been implemented to the dashboard builder sidebar.

VIZ-719

The full dataset name can now be viewed on hover in dashboard builder menus.

VIZ-736

You can now save a segment from a filter definition of a visual.

VIZ-770

Creating and editing HTML extension visuals is now easier with syntax highlighting, autocompletion, and side-by-side preview.

VIZ-773

Additional details on job parameters, including trigger conditionals and active states can now be viewed from the Job Status page.

Fixed issues**VIZ-666**

Fixed a bug where a filter's 'Maximum number of rows to fetch' setting unexpectedly affected the filter limit.

VIZ-667

Filters with a slide range selector now allow for precise selection of range values.

VIZ-691

Dashboards with multiple filters that are linked and given app scope now properly apply across all sheets.

VIZ-759

Fixed a bug where the relative dates timestamp filter reset upon switching between sheets of a dashboard.

VIZ-796

Fixed a bug where the Direct Access SQL editor applied the default limit even when the user specified a different value.

VIZ-820

Fixed a bug where changes in the Edit User modal could not be saved without retyping the current user password.

July 30, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.3.0-b53

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.3.0-b53

New features**VIZ-367, VIZ-715 - Data Visualization as Machine Learning Runtime**

Data Visualization is available as a Machine Learning Runtime for Cloudera Machine Learning (CML) on CDP. For more information about ML Runtimes, see the [ML Runtime overview](#).

VIZ-619 - Natural Language Search

Natural Language Search (NLS) is now generally available. You can speed up visual creation and data analysis insights by enabling search-based data exploration. For more information, see the [NLS documentation](#).

VIZ-639 - SSB data connection [Tech Preview]

A new data connection type is available in technical preview: you can connect to SQL Stream Builder (SSB), an integrated job management interface. SSB is a part of Cloudera Streaming Analytics powered by Apache Flink. For more information on SSB, see the [Introduction to SQL Stream Builder](#).

Improvements

VIZ-278

Improvements have been implemented for table expansion and sorting within an expanded table column.

VIZ-359

You can export all columns in CSV without selecting or forcing maximum column display to fit the entire column list.

VIZ-452

If you use the default credentials to login to Data Visualization, you will be prompted to change your password at the first login.

VIZ-454

Editing an HTML Extension visual is now easier with a larger modal.

VIZ-491

If you use Oracle metadata connections, you can now configure to connect using a Service Name.

VIZ-549

If you have dashboard editing permissions, you can view the clone history of a dashboard in the Usage Info menu.

VIZ-621, VIZ-623, VIZ-687

Multiple improvements have been implemented for email jobs, including the ability to configure a job to send only on the first trigger, XLS attachment options, and the ability to include a message along an embedded image sent via email.

VIZ-640

Views are shown along with tables on PostgreSQL connections in the Connection Explorer.

VIZ-668

If you are an admin user, you can access the Daily Usage metrics page by clicking through the view count on the Data Visualization homepage.

VIZ-683

You can select any specific color from a color palette as the default or starting color for a visual.

VIZ-710

Improvements have been implemented for migrations on mySQL metadata connections.

Fixed issues

VIZ-343

Fixed a bug where the table expansion tooltip displayed HTML elements when you selected 'Send all fields as parameters'.

VIZ-361

Refreshing an External Link visual now works as expected.

VIZ-495

Enabling highlighting on table visuals using a Solr connection now works as expected.

VIZ-528

Fixed a bug where the 'Download As' options were hidden under the neighboring menu.

VIZ-548

Fixed a bug where the Direct Access SQL editor may run queries as lowercase.

VIZ-650

Date and Time Functions on Hive connections now work as expected.

VIZ-651

Fixed a bug where casting a field resulted in any custom expression getting overwritten.

VIZ-662

Users may now copy the job status error text by clicking on the error icon.

VIZ-664

Fixed a bug where crosstab download limits did not apply as expected for CSV downloads.

VIZ-673, VIZ-674

The Custom Styles page now shows dashboards and applications that use custom CSS, not just visuals.

VIZ-690

The 'Set as Homepage' option is now visible from dashboards but not individual visuals.

VIZ-717

Fixed a bug where sorting on a Y-trellis did not work as expected.

VIZ-753

Fixed a bug where Custom Styles failed to load on the Manage Custom Styles page as expected.

June 4, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.7-b48

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.2.7-b48

New features and improvements

VIZ-84

CDP Data Visualization applications running in CML can be configured with unauthenticated access.

VIZ-433

When configuring email jobs, you can specify a reply-to email address that is different from the sender's email address.

VIZ-464

Users with manage users and roles permissions can now assign roles as expected.

VIZ-484

You can toggle between filter types when creating a filter for a date or for a numeric field.

VIZ-552

Field comments are shown by default when viewing a dataset.

Fixed issues

VIZ-147

The Solr connection type no longer permits expression creation that may cause visual failure.

VIZ-358

Fixed a bug where the use of advanced site settings along with a non-default metastore resulted in an unexpected error.

VIZ-465

Disabled legacy connection types by default, which had bugs that could result in an unexpected connection error.

VIZ-469

Smart acceleration now works as expected on the Arcadia connection type when the environmental variable `ENABLE_LEGACY_DATACONN` is set to true.

VIZ-542

Fixed a bug where visual titles did not substitute the correct parameter in edit mode.

VIZ-563

In-product help text is now shown as expected when building a list visual.

VIZ-605

Fixed a bug where the scrollbar in an application's navigation bar did not appear as expected on narrow screens.

VIZ-606

The Search button in an application's navigation bar now appears as expected on narrow screens.

VIZ-632

Area graphs that contain a date range now draw as expected.

VIZ-636

Fixed a bug where editing a shelf element's expression may have resulted in an unexpected error.

VIZ-637

Editing an email job without an attachment now works as expected.

April 29, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.6-b23

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.2.6-b23

New feature

VIZ-152 – Single sign-on in CDW

Single sign-on (SSO) is now enabled for Cloudera Data Visualization (CDV) applications running in Cloudera Data Warehouse (CDW). For more information, see [Start Data Visualization in CDW](#).

Improvements

VIZ-389

Numerous bug fixes and improvements for Natural Language Search [Tech Preview] functionality.

VIZ-424

Timestamp columns are now auto-recognized in Druid data connections.

VIZ-461, VIZ-532

Improvements for threshold job creation.

VIZ-472

Improvements to sample dashboards that ship with CDV by default.

VIZ-597

Improvements for displaying dashboards on smaller screens.

Fixed issues

VIZ-353

For Hive and Impala connections, CDV can now pass down an application ID in opened sessions for better visibility and auditing into query workloads.

VIZ-422, VIZ-457

Error messages now appear as expected if a CSV/Excel download fails to complete.

VIZ-474

Fixed a bug where importing a dataset from SQL could result in an unexpected error.

VIZ-483

Fixed a bug where the Ignore missing dates setting did not work as expected on line and area charts.

VIZ-529

The Refresh button now appears only on data connections where this query is supported.

VIZ-541, VIZ-543

Fixed a regression from CDV 6.2.5 where visual context menu items did not react as expected.

VIZ-557

Admins can now update their own user profiles through Site Settings as expected.

VIZ-562

Fixed a bug where the PostgreSQL data connection settings did not save as expected.

April 7, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.5-b25

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.2.5-b25

New features

VIZ-388 – Natural language search

[Tech Preview] Use natural language search to find relevant information in your datasets through natural language statements, and render it in graphical format.

VIZ-468 – Account lockout

You can enable lockout after too many failed login attempts by adding `AXES_ENABLED` to the advanced site settings in CML or CDSW. This feature is disabled by default.

Improvements

VIZ-145

Improved Solr aggregation and faceting.

Fixed issues

VIZ-362, VIZ-420, VIZ-533

Fixed bugs for CSV and Excel downloads.

VIZ-387

Error message popovers now close when clicking elsewhere on the page as expected.

VIZ-408

Expansion on crosstab visuals now works as expected.

VIZ-415

Changing values on a custom picklist filter in dashboard mode now works as expected.

VIZ-419

Fixed a bug where filters on an Arcengine connection did not reset after unselecting.

VIZ-437

Enable "Download as Image/PDF" switch in dashboard settings now works as expected.

VIZ-486

Dashboards created from Arcengine connections can now be accelerated as expected.

VIZ-498

Changing colors in a scatter visual now redraws the visual as expected.

February 26, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.4-b16

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cds-dataviz:6.2.4-b16

New feature

VIZ-72 – Job scheduling and customization

Email jobs can now be customized or changed post-creation, making it easy to change the send schedule, add additional recipients, or update the messaging to accompany a dashboard.

Usability improvements

VIZ-350, VIZ-406

Options that are not available on particular data connections are now hidden as expected.

VIZ-380

New Apply Display Format checkbox in the Data Model tab applies selected display formats to the shown data.

VIZ-407

Improvement to Oracle metadata database support.

VIZ-413

Autocomplete options in expression editor now includes ML Model API.

Fixed issues

VIZ-180

Importing access to Private workspaces when Public workspace access is disabled now works as expected.

VIZ-316

SQL Visual limits are now inherited from global limits and table limits as expected.

VIZ-323

Fixed a bug where PDF download of a dashboard that had not loaded fully resulted in impartial PDF download.

VIZ_335

PDF downloads of dashboards with multiple sheets now work as expected.

VIZ_344

Combo charts now allow for more granular control of aggregate axis size.

VIZ-378

Large Excel or CSV downloads that fail to complete are removed from temporary files.

VIZ-379

SQL Visuals downloaded as Excel should now work as expected.

VIZ-412

Fixed a bug where Show Selected and Show All in filter list selection did not work as expected.

VIZ-425

Fixed a bug where setting visual_max_dataresults in Site Settings could result in query failure.

VIZ-432

Improved horizontal scrolling on dashboards with multiple sheets.

February 2, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.3-b18

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdsw-dataviz:6.2.3-b18

New features and improvements

VIZ-317

Applications can now be configured to always display the dashboard titles within a tab.

VIZ-330

Additional in-product documentation has been included in the New Data Connection and Edit Data Connection modals.

VIZ-349

Refreshing a dataset cache now correctly logs the user and timestamp for when the cache was refreshed.

VIZ-358

Added support for Oracle metadata databases in CDSW Data Visualization instances.

VIZ-376

Make it easy to configure external metadata store with env variables for CDV in CDSW & CML.

VIZ-382

Added support for connecting to legacy ArcEngine databases from Data Visualization.

Fixed issues

VIZ-122

Fixed a bug where using custom aggregates resulted in an error.

VIZ-245

Display formats are now applied as expected in csv/xls downloads.

VIZ-263

Fixed a bug where a timestamp value could display differently on a dashboard than in an Excel download.

VIZ-351

Aggregates and functions in Impala and Hive connection types now work as expected.

VIZ-363

Sample mode is now hidden for unsupported connections.

VIZ-377

Fixed a bug where migration to Data Visualization from legacy product could result in a workspace error.

VIZ-386, VIZ-400

Searching within a filter and making multiple selections now works as expected.

VIZ-411

Threshold-based jobs now work as expected.

December 15, 2020

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.2-b383

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cds-dataviz:6.2.2-b383

Fixed issues**VIZ-229**

Frequent CML/CDSW ping requests are now filtered out from Webserver logs to increase log readability.

VIZ-239, VIZ-337

Apps without a thumbnail image now display a placeholder as expected.

VIZ-296

Advanced settings are now disabled by default in CDW versions of CDV.

VIZ-341

Fixed a bug that prevented attaching CSV files to emailed dashboards.

VIZ-342

Fixed a bug where crosstab sort buttons failed after scrolling on a visual.

VIZ-346

Linked visuals must now be edited on their original dashboards, to prevent inadvertent breakage on a dashboard.

December 3, 2020

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cml-dataviz:6.2.1-b12

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cds-dataviz:6.2.1-b12

New features and improvements

CDP Data Visualization applications running in Cloudera Machine Learning released on November 23, 2020 or later can permit SSO authentication in admin settings.

Fixed issues**VIZ-322**

Changing cache settings no longer causes the data connection type to unset itself.

VIZ-321

Fixed a bug that prevented some users from downloading a visual as a csv or Excel.

VIZ-329

Fixed a bug that displayed an error message when importing visual artifacts to a private workspace.

VIZ-328

Data Compatibility check when importing visual artifacts now works as expected.

VIZ-286, VIZ-295, VIZ-298

The correct version number and product name now display in all Data Visualization applications.

VIZ-137

Fixed a bug that caused expansion field values to throw an error when clicking Show Detailed Data or when including/excluding the value as a filter on click.

VIZ-320

Dashboard filter parameters now load as intended when sharing a dashboard via URL.

VIZ-310

SQL Visual Download CSV options now work as intended.

VIZ-326

Save as Table or Dataset functionality no longer displays an error message on Impala connections.

VIZ-270

Provided further in-product instructions for admin settings that can accommodate multiple inputs.

October 30, 2020

This marks the General Availability (GA) of the first CDP Data Visualization release. Data Visualization, the latest Cloudera feature built into the CDP platform can be accessed through Cloudera Data Warehouse (CDW) and Cloudera Machine Learning (CML) in the Public Cloud. It can also be accessed on-prem in CDSW.

It allows data engineers, data scientists, business analysts, and business users to quickly and easily explore data, collaborate, act on, and communicate explainable insights across the data lifecycle.

Fully integrated with CDW, CML, and CDSW, CDP Data Visualization (CDV) provides self-service and drag-and-drop visualization from both enterprise data and predictive models natively in CDP.

CDV enables:

- Fast, intelligent reporting – Rapid, out-of-the-box dashboarding and application building with built-in visual recommendations
- Intuitive workflows, secured by SDX – Easy-to-use visual UI for fast data exploration and instant sharing anywhere without moving data or creating silos
- Integrated data lifecycle collaboration – Accelerate insight sharing with a consistent, integrated data visualization experience across all data and business teams

Known issues and limitations in Cloudera Data Visualization

You can find here the list of known issues and limitations that you might experience while using Cloudera Data Visualization.

Known issues and limitations in Cloudera Data Visualization 8.0.7

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the "data compatibility" check may fail with an "IndexError: list index out of range" error, if the dataset joins multiple tables.

Workaround:

Disable "Check data table compatibility" when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Profile Data modal does not open across pages when site setting is enabled

The Show Usage Info setting and the Ctrl+Shift+G shortcut, intended to open the Profile Data modal across all pages, are currently not working. Even when the Enable the "Show Usage Info" and Ctrl-Shift-G shortcut to view page profiles within all pages site setting is enabled, the modal does not appear.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3341

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: SHOW TABLES FROM "impala"."999_test_cdv"; instead of SHOW TABLES FROM impala.999_test_cdv;

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag enable_cml_usage_events.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

cviz_rest expects model response in response property

The cviz_rest function expects Cloudera AI model responses to include results in a property named response. Some models, such as those decorated with @models.cml_model(metrics=True), return results under a different property (for example: prediction). This mismatch can cause data retrieval to fail.

You may see failed or empty results when calling Cloudera AI models from Cloudera Data Visualization if the model does not use the response property. This mainly affects models using @models.cml_model(metrics=True).

Workaround:

None

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3570

OpenAI GPT-5 has different parameters

Due to changes in the parameters accepted by OpenAI GPT-5, you can no longer adjust the temperature parameter.

Workaround:

Adjust the temperature parameter to 1.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3584

Known issues and limitations in Cloudera Data Visualization 8.0.6

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the “data compatibility” check may fail with an “IndexError: list index out of range” error, if the dataset joins multiple tables.

Workaround:

Disable “Check data table compatibility” when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Profile Data modal does not open across pages when site setting is enabled

The Show Usage Info setting and the Ctrl+Shift+G shortcut, intended to open the Profile Data modal across all pages, are currently not working. Even when the Enable the "Show Usage Info" and Ctrl-Shift-G shortcut to view page profiles within all pages site setting is enabled, the modal does not appear.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3341

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: SHOW TABLES FROM "impala"."999_test_cdv"; instead of SHOW TABLES FROM impala.999_test_cdv;

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag enable_cml_usage_events.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the EMBEDDED_CDV_IMAGE environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Data extract cannot be created if emailing is not enabled

The CREATE DATA EXTRACT button is disabled if emailing is not enabled in Site Settings. As a result, you cannot create data extracts unless emailing is configured.

Workaround:

Enable emailing in Site Settings before creating a data extract.

Versions affected:

Cloudera Data Visualization 8.0.4 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3562

Known issues and limitations in Cloudera Data Visualization 8.0.5

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the “data compatibility” check may fail with an “IndexError: list index out of range” error, if the dataset joins multiple tables.

Workaround:

Disable “Check data table compatibility” when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

AI visual cannot compute tokens when network is restricted

In air-gapped or network-restricted environments, the AI visual cannot estimate token usage because it requires access to https://openaipublic.blob.core.windows.net/encodings/cl100k_base.tiktoken.

Workaround:

Set the token limit to 0 in the visual settings and define the `AI_MODEL_COMPLETION_TOKEN_LIMIT` variable as 0 in the advanced site settings.

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.5.1000

Cloudera issue:

VIZ-3325

Profile Data modal does not open across pages when site setting is enabled

The Show Usage Info setting and the Ctrl+Shift+G shortcut, intended to open the Profile Data modal across all pages, are currently not working. Even when the Enable the "Show Usage Info" and Ctrl-Shift-G shortcut to view page profiles within all pages site setting is enabled, the modal does not appear.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3341

Cloning dashboards may cause filter-related permission issues on the original dashboard

Cloning a dashboard can cause its filters to be moved to a private workspace. This could result in permission errors when users try to view the original dashboard.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.5.1000

Cloudera issue:

VIZ-3383

AI Visual error when using Embeddings or Completion with token limit greater than 0

When using AI Visual with Embeddings or Completion and the max tokens setting is greater than 0, an Unable to load encoding... error appears due to a missing cache directory in the build output. The directory is not included in the static folder during packaging.

Workaround:

Set both max tokens values to 0 in the visual settings to bypass token counting and avoid the error.

Versions affected:

Cloudera Data Visualization 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.5.1000

Cloudera issue:

VIZ-3467

Status filter not working on Scheduled Jobs tab in Job Status page

On the Job Status page, the status filter on the Scheduled Jobs tab does not function as expected. Users are unable to filter scheduled jobs by status in the UI. This may result in all scheduled jobs being displayed regardless of the selected filter, making it difficult to view jobs by their current status.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.6

Cloudera issue:

VIZ-3488

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Filtering logs and usage counters does not work as expected

In the affected versions, filtering webserver statistics and usage counters may not function correctly. Users may experience that applying filters to logs or usage counters does not yield the expected results, potentially leading to incomplete or incorrect data being displayed

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.6

Cloudera issue:

VIZ-3506

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the EMBEDDED_CDV_IMAGE environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Data extract cannot be created if emailing is not enabled

The CREATE DATA EXTRACT button is disabled if emailing is not enabled in Site Settings. As a result, you cannot create data extracts unless emailing is configured.

Workaround:

Enable emailing in Site Settings before creating a data extract.

Versions affected:

Cloudera Data Visualization 8.0.4 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3562

Previous releases

You can find here the list of known issues and limitations that you might experience while using earlier versions of Cloudera Data Visualization.

Known issues and limitations in Cloudera Data Visualization 8.0.4

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the "data compatibility" check may fail with an "IndexError: list index out of range" error, if the dataset joins multiple tables.

Workaround:

Disable "Check data table compatibility" when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

AI visual cannot compute tokens when network is restricted

In air-gapped or network-restricted environments, the AI visual cannot estimate token usage because it requires access to https://openaipublic.blob.core.windows.net/encodings/cl100k_base.tiktoken.

Workaround:

Set the token limit to 0 in the visual settings and define the AI_MODEL_COMPLETION_TOKEN_LIMIT variable as 0 in the advanced site settings.

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.5.1000

Cloudera issue:

VIZ-3325

Profile Data modal does not open across pages when site setting is enabled

The Show Usage Info setting and the Ctrl+Shift+G shortcut, intended to open the Profile Data modal across all pages, are currently not working. Even when the Enable the "Show Usage Info" and Ctrl-Shift-G shortcut to view page profiles within all pages site setting is enabled, the modal does not appear.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3341

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Status filter not working on Scheduled Jobs tab in Job Status page

On the Job Status page, the status filter on the Scheduled Jobs tab does not function as expected. Users are unable to filter scheduled jobs by status in the UI. This may result in all scheduled jobs being displayed regardless of the selected filter, making it difficult to view jobs by their current status.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.6

Cloudera issue:

VIZ-3488

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Filtering logs and usage counters does not work as expected

In the affected versions, filtering webserver statistics and usage counters may not function correctly. Users may experience that applying filters to logs or usage counters does not yield the expected results, potentially leading to incomplete or incorrect data being displayed

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.6

Cloudera issue:

VIZ-3506

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the `EMBEDDED_CDV_IMAGE` environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Data extract cannot be created if emailing is not enabled

The CREATE DATA EXTRACT button is disabled if emailing is not enabled in Site Settings. As a result, you cannot create data extracts unless emailing is configured.

Workaround:

Enable emailing in Site Settings before creating a data extract.

Versions affected:

Cloudera Data Visualization 8.0.4 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3562

Known issues and limitations in Cloudera Data Visualization 8.0.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the "data compatibility" check may fail with an "IndexError: list index out of range" error, if the dataset joins multiple tables.

Workaround:

Disable "Check data table compatibility" when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

AI visual cannot compute tokens when network is restricted

In air-gapped or network-restricted environments, the AI visual cannot estimate token usage because it requires access to https://openaipublic.blob.core.windows.net/encodings/cl100k_base.tiktoken.

Workaround:

Set the token limit to 0 in the visual settings and define the AI_MODEL_COMPLETION_TOKEN_LIMIT variable as 0 in the advanced site settings.

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.5.1000

Cloudera issue:

VIZ-3325

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Query cancellation can exhaust thread pool resources

Canceling queries, either manually or by navigating away from a page, terminates the associated connection thread. Over time, this can deplete the thread pool, potentially leading to degraded performance or failed query execution. No indicators currently show how many threads have been consumed.

Workaround:

Restarting Cloudera Data Visualization or increasing the data connection concurrency limits resets the thread pool.

Also, a patch is available that can be applied using Advanced Site Settings, followed by restarting Cloudera Data Visualization. Contact Cloudera Support for assistance if needed.

Versions affected:

Cloudera Data Visualization 8.0.3

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3349

Dashboard deletion may be slow after upgrading to Cloudera Data Visualization 8.0.2 and 8.0.3

You may experience delays (up to a minute) when deleting dashboards. After confirming deletion, the UI may appear unresponsive before completing the operation. This is caused by unoptimized query handling during the delete process.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.2 - 8.0.3

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3359

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: SHOW TABLES FROM "impala"."999_test_cdv"; instead of SHOW TABLES FROM impala.999_test_cdv;

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Status filter not working on Scheduled Jobs tab in Job Status page

On the Job Status page, the status filter on the Scheduled Jobs tab does not function as expected. Users are unable to filter scheduled jobs by status in the UI. This may result in all scheduled jobs being displayed regardless of the selected filter, making it difficult to view jobs by their current status.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.3 - 8.0.5

Fixed in version:

Cloudera Data Visualization 8.0.6

Cloudera issue:

VIZ-3488

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag enable_cml_usage_events.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the `EMBEDDED_CDV_IMAGE` environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Known issues and limitations in Cloudera Data Visualization 8.0.2

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Filter search is disabled if a filter query fails during search

When searching for a value in a dimension filter, a query failure could result in the filter search not working.

Workaround:

Reload the page or select a filter value in another filter on the same page.

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.2

Fixed in version:

N/A

Cloudera issue:

VIZ-3118

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the “data compatibility” check may fail with an “IndexError: list index out of range” error, if the dataset joins multiple tables.

Workaround:

Disable “Check data table compatibility” when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Dashboard deletion may be slow after upgrading to Cloudera Data Visualization 8.0.2 and 8.0.3

You may experience delays (up to a minute) when deleting dashboards. After confirming deletion, the UI may appear unresponsive before completing the operation. This is caused by unoptimized query handling during the delete process.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.2 - 8.0.3

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3359

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: SHOW TABLES FROM "impala"."999_test_cdv"; instead of SHOW TABLES FROM impala.999_test_cdv;

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag enable_cml_usage_events.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the `EMBEDDED_CDV_IMAGE` environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Known issues and limitations in Cloudera Data Visualization 8.0.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Long-running queries cannot be canceled for some data connections

For data connections other than Hive or Impala, long-running queries cannot be canceled since they are run synchronously.

Workaround:

Restart the Cloudera Data Visualization application.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-2634

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Default user groups persist after SAML and VIZ group sync

When users log in, default user groups are not removed during SAML and VIZ group synchronization. As a result, users retain their previous group associations, roles, permissions, and query history across sessions.

Workaround:

An admin user should manually assign the “Database Admin” role to a SAML-synced group.

Versions affected:

Cloudera Data Visualization 8.0.1 and lower

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3103

Filter search is disabled if a filter query fails during search

When searching for a value in a dimension filter, a query failure could result in the filter search not working.

Workaround:

Reload the page or select a filter value in another filter on the same page.

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.2

Fixed in version:

N/A

Cloudera issue:

VIZ-3118

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the “data compatibility” check may fail with an “IndexError: list index out of range” error, if the dataset joins multiple tables.

Workaround:

Disable “Check data table compatibility” when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Performance issues in visuals with filters

Dashboards with a large number of visuals containing filters may experience exponentially slower rendering times.

Versions affected:

Cloudera Data Visualization 6.3.1 - 8.0.1

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3192

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: SHOW TABLES FROM "impala"."999_test_cdv"; instead of SHOW TABLES FROM impala.999_test_cdv;

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag enable_cml_usage_events.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the `EMBEDDED_CDV_IMAGE` environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Known issues and limitations in Cloudera Data Visualization 8.0.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Cloudera AI data connection syncing on premises can result in errors connecting to the data connection

In Cloudera AI on premises 1.5.4 environments, syncing data connections may result in connection errors.

Workaround:

Follow the instructions provided in [Workarounds for Cloudera Data Visualization with Hive and Impala](#).

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2913

AI visual may fail with connection already closed after long uptime

In long-running Cloudera Data Visualization instances, the AI visual can sometimes fail with a connection already closed error due to stale database connections in background threads. This requires a service restart to recover and interrupts long-running AI visual usage.

Workaround:

Restart the Cloudera Data Visualization service if the error occurs.

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3088

Saved filters not applied when there is a textbox filter on the dashboard

When a dashboard contains a textbox parameter, default filter values are not applied correctly upon first load.

Workaround:

Search for a value in the picklist and save the dashboard. Note that the selected value will not persist after reloading the dashboard.

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3089

Default user groups persist after SAML and VIZ group sync

When users log in, default user groups are not removed during SAML and VIZ group synchronization. As a result, users retain their previous group associations, roles, permissions, and query history across sessions.

Workaround:

An admin user should manually assign the “Database Admin” role to a SAML-synced group.

Versions affected:

Cloudera Data Visualization 8.0.1 and lower

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3103

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Filter search is disabled if a filter query fails during search

When searching for a value in a dimension filter, a query failure could result in the filter search not working.

Workaround:

Reload the page or select a filter value in another filter on the same page.

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.2

Fixed in version:

N/A

Cloudera issue:

VIZ-3118

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the “data compatibility” check may fail with an “IndexError: list index out of range” error, if the dataset joins multiple tables.

Workaround:

Disable “Check data table compatibility” when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Performance issues in visuals with filters

Dashboards with a large number of visuals containing filters may experience exponentially slower rendering times.

Versions affected:

Cloudera Data Visualization 6.3.1 - 8.0.1

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3192

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Queries on databases with numeric names fail in Trino

When querying databases in Trino whose names begin with numbers, queries fail with a syntax error.

Workaround:

Escape the database name in the query.

For example: `SHOW TABLES FROM "impala"."999_test_cdv";` instead of `SHOW TABLES FROM impala.999_test_cdv;`

Versions affected:

Cloudera Data Visualization 8.0.0 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3481

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Visual and dashboard downloads fail with special characters in titles

Downloading visuals or dashboards with titles containing special characters, spaces, or non-Latin scripts can produce files (PNG, PDF, CSV, Excel) with missing or invalid extensions. This can prevent files from opening in other applications.

Workaround:

Rename the visual or dashboard to remove special characters before downloading.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3509

Dashboard filters cannot be moved to the grid area

Dashboard-level filters cannot be moved to the grid area. Attempting to reposition filters fails, and selections can be lost, limiting dashboard interactivity and flexibility in filter management.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.0 - 8.0.6

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3533

Cloudera AI login fails if required user groups are missing

You can encounter server errors (HTTP 500) and be unable to log in to Cloudera Data Visualization if required Cloudera AI user groups are not automatically created. This issue can prevent access until groups are manually created.

Workaround:

Manually create the required Cloudera AI user groups with the name “vizcml-rw” and “vizcml-ro” as the vizapps_admin user before logging in using SSO.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3546

Upgrade failures when migrating from 7.2.6 to 7.2.9 and higher

Upgrading Cloudera Data Visualization directly from version 7.2.6 to 7.2.9 or higher can result in a broken database due to a migration issue in the datasets application. This affects both standalone and embedded Data tab deployments, potentially causing upgrade failures or application errors.

Workaround:

Perform a multi-step upgrade through an intermediate version lower than 7.2.9 to avoid the migration issue. On the Data tab, pin the versions using the EMBEDDED_CDV_IMAGE environment variable to pin the application to a specific runtime Docker image. For applications already impacted, run the following script: <https://github.com/cloudera/Cloudera-TSB/tree/main/TSB-907>

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3548

Misapplied selections in dropdown filters with duplicate values

When the same value appears in multiple dropdown filters on a dashboard, selecting a value by clicking on the label in one filter may incorrectly apply the selection to a different filter. This behavior can lead to confusion and inaccurate filter configurations.

Workaround:

Select values using the checkbox instead of clicking the label when multiple dropdown filters contain the same value.

Versions affected:

Cloudera Data Visualization 8.0.6 and lower

Fixed in version:

Cloudera Data Visualization 8.0.7

Cloudera issue:

VIZ-3550

Known issues and limitations in Cloudera Data Visualization 7.2.9

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Cloudera AI data connection syncing on premises can result in errors connecting to the data connection

In Cloudera AI on premises 1.5.4 environments, syncing data connections may result in connection errors.

Workaround:

Follow the instructions provided in [Workarounds for Cloudera Data Visualization with Hive and Impala](#).

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2913

AI redacting does not remove contextual information

AI visual payloads are included in historic query logs and webserver logs, regardless of the site setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.9

Fixed in version:

Cloudera Data Visualization 8.0.0

Cloudera issue:

VIZ-3061

Saved filters not applied when there is a textbox filter on the dashboard

When a dashboard contains a textbox parameter, default filter values are not applied correctly upon first load.

Workaround:

Search for a value in the picklist and save the dashboard. Note that the selected value will not persist after reloading the dashboard.

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3089

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Performance issues in visuals with filters

Dashboards with a large number of visuals containing filters may experience exponentially slower rendering times.

Versions affected:

Cloudera Data Visualization 6.3.1 - 8.0.1

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3192

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Cloudera Data Visualization 7.2.8

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera AI data connection syncing on premises can result in errors connecting to the data connection

In Cloudera AI on premises 1.5.4 environments, syncing data connections may result in connection errors.

Workaround:

Follow the instructions provided in [Workarounds for Cloudera Data Visualization with Hive and Impala](#).

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2913

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

AI redacting does not remove contextual information

AI visual payloads are included in historic query logs and webserver logs, regardless of the site setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.9

Fixed in version:

Cloudera Data Visualization 8.0.0

Cloudera issue:

VIZ-3061

Saved filters not applied when there is a textbox filter on the dashboard

When a dashboard contains a textbox parameter, default filter values are not applied correctly upon first load.

Workaround:

Search for a value in the picklist and save the dashboard. Note that the selected value will not persist after reloading the dashboard.

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3089

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Performance issues in visuals with filters

Dashboards with a large number of visuals containing filters may experience exponentially slower rendering times.

Versions affected:

Cloudera Data Visualization 6.3.1 - 8.0.1

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3192

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the

system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Cloudera Data Visualization 7.2.7

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera AI data connection syncing on premises can result in errors connecting to the data connection

In Cloudera AI on premises 1.5.4 environments, syncing data connections may result in connection errors.

Workaround:

Follow the instructions provided in [Workarounds for Cloudera Data Visualization with Hive and Impala](#).

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2913

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Saved filters not applied when there is a textbox filter on the dashboard

When a dashboard contains a textbox parameter, default filter values are not applied correctly upon first load.

Workaround:

Search for a value in the picklist and save the dashboard. Note that the selected value will not persist after reloading the dashboard.

Versions affected:

Cloudera Data Visualization 8.0.0 and lower

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3089

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Performance issues in visuals with filters

Dashboards with a large number of visuals containing filters may experience exponentially slower rendering times.

Versions affected:

Cloudera Data Visualization 6.3.1 - 8.0.1

Fixed in version:

Cloudera Data Visualization 8.0.2

Cloudera issue:

VIZ-3192

Improper handling of email address formats in Email modal

The Reply To and From fields in the Email modal did not correctly support email addresses in name <email@domain.com> and email@domain.com formats.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3300

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Delete Usage Data modal does not appear in Site Settings

The Delete Usage Data modal does not appear in the Site Settings interface, preventing users from accessing this feature to manage usage data.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.7 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3438

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Cloudera Data Visualization 7.2.6

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable `CDV_MODE` to `cml` before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Cloudera Data Visualization upgrade from 7.2.5 to 7.2.6 broken with Postgres metastore

Upgrading Cloudera Data Visualization instances with a PostgreSQL metadata store from version 7.2.5 to 7.2.6 may fail due to a compatibility issue with the PostgreSQL metastore..

Workaround:

To avoid this problem, upgrade directly to version 7.2.7 or a later version where the issue has been resolved.

Versions affected:

Cloudera Data Visualization 7.2.5 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2868

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
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When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Cloudera Data Visualization 7.2.5

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Cloudera Data Visualization upgrade from 7.2.5 to 7.2.6 broken with Postgres metastore

Upgrading Cloudera Data Visualization instances with a PostgreSQL metadata store from version 7.2.5 to 7.2.6 may fail due to a compatibility issue with the PostgreSQL metastore..

Workaround:

To avoid this problem, upgrade directly to version 7.2.7 or a later version where the issue has been resolved.

Versions affected:

Cloudera Data Visualization 7.2.5 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2868

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Cloudera Data Visualization 7.2.4

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable `CDV_MODE` to `cml` before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
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When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:Disable the feature flag `enable_cml_usage_events`.**Versions affected:**

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.2.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable `CDV_MODE` to `cml` before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

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The following options are missing from the **Download as PDF** dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting **One sheet per page** or **One visual per page on current sheet** may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.2.2

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename  
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.2.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
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3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

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When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventtracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.2.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Dashboard export from Visuals page results in corrupted JSON

Exporting a dashboard from the Visuals page results in corrupted JSON, impacting the successful export and import of dashboards from the page. The issue manifests during the export process, resulting in a JSON structure that only contains workspace details.

Workaround:

To resolve this issue, consider the following workarounds:

- **Single report export**

For exporting a single report, use the export action within the Dashboard Builder. This method avoids the JSON corruption encountered on the Visuals page.

- **Multiple reports export**

For exporting multiple reports, access the Visuals page with the query parameter `?mode=old`. This opens the old Visuals page, where the export functionality works correctly, ensuring the integrity of the JSON structure.

Versions affected:

Cloudera Data Visualization 7.1.9 and 7.2.0

Fixed in version:

Cloudera Data Visualization 7.2.1

Cloudera issue:

VIZ-2493

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable `CDV_MODE` to `cml` before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.1.9

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Dashboard export from Visuals page results in corrupted JSON

Exporting a dashboard from the Visuals page results in corrupted JSON, impacting the successful export and import of dashboards from the page. The issue manifests during the export process, resulting in a JSON structure that only contains workspace details.

Workaround:

To resolve this issue, consider the following workarounds:

- **Single report export**

For exporting a single report, use the export action within the Dashboard Builder. This method avoids the JSON corruption encountered on the Visuals page.

- **Multiple reports export**

For exporting multiple reports, access the Visuals page with the query parameter `?mode=old`. This opens the old Visuals page, where the export functionality works correctly, ensuring the integrity of the JSON structure.

Versions affected:

Cloudera Data Visualization 7.1.9 and 7.2.0

Fixed in version:

Cloudera Data Visualization 7.2.1

Cloudera issue:

VIZ-2493

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable `CDV_MODE` to `cml` before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

If fewer than two dashboards or applications are displayed in a Workspace on the Visuals page, the action dropdown in the table view will not be fully visible.

Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
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When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.1.8

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcap.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

User group and administration designation delay in updates

User groups and administration designation is not updated until a user is authenticated. This means that Cloudera Data Warehouse and Cloudera AI users who have had user group or permission changes will not see the modifications if they remain logged in from before the change was made.

Workaround:

To resolve this issue, log out and reload Cloudera Data Visualization.

Versions affected:

Cloudera Data Visualization 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2396

Error when creating dataset on connection with result caching

Creating a new dataset on a data connection with connection-level result caching enabled can return an “error: DataSet matching query does not exist” error.

Workaround:

To resolve this issue, disable Result Cache on the affected data connection.

Versions affected:

Cloudera Data Visualization 7.1.7 - 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2425

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8 - 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

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create table DATABASE_NAME.CDV_TABLE_NAME_NEW  
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Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

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Cloudera issue:

VIZ-3042

Action dropdown not fully visible in the Visuals page table view

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Workaround:

Use the tile view instead of the table view when performing actions on the Visuals page with fewer than two items shown.

Versions affected:

Cloudera Data Visualization 7.1.8 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-3109

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

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Workaround:

None

Versions affected:

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Fixed in version:

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Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.1.7

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

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Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Error when creating dataset on connection with result caching

Creating a new dataset on a data connection with connection-level result caching enabled can return an “error: DataSet matching query does not exist” error.

Workaround:

To resolve this issue, disable Result Cache on the affected data connection.

Versions affected:

Cloudera Data Visualization 7.1.7 - 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2425

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename  
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename  
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Bulk-update refactor may cause performance degradation in Cloudera AI

In Cloudera AI environments, the bulk-update refactor for eventstracker may degrade performance.

Workaround:

Disable the feature flag `enable_cml_usage_events`.

Versions affected:

Cloudera Data Visualization 7.1.7 and higher

Fixed in version:

N/A

Cloudera issue:

VIZ-3505

Known issues and limitations in Data Visualization 7.1.6

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.5

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> Amharic (Ethiopia) Arabic (multiple countries) Bengali (Bangladesh) Berber (multiple countries) Burmese (Myanmar) Dari Pashto (Afghanistan) Dzongkha (Bhutan) Fijian (Fiji) Georgian Hebrew (Israel) Khmer (Cambodia) Lao Malay (Brunei) Many Indian languages Nepalese (Nepal) Persian (Iran) Tamil (Malaysia, India, Singapore) Thai (Thailand) Urdu (Pakistan) 	<ul style="list-style-type: none"> Amharic (Ethiopia) Bengali (Bangladesh) Burmese (Myanmar) Dzongkha (Bhutan) Fijian (Fiji) Khmer (Cambodia) Many Indian languages Nepalese (Nepal) Tamil (Malaysia, India, Singapore) Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

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Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

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Cloudera issue:

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Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

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```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
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```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

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Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

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Fixed in version:

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Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

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Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

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Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.4

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Picklist in complex data types Show Selected unselects previous selections

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Migration errors due to use of django model functions in data model

Upgrading from a version lower than 6.4.3 to 7.0.3 or above, there are errors in the migration due to use of django model functions in data model.

Workaround:

To resolve this issue, migrate to version 7.1.4+. If you are migrating to a version before 7.1.4, first migrate to 6.4.3.



Note: Applications migrated in this fashion might show incorrect dashboard associations on the dataset page.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b47

Cloudera issue:

VIZ-2047

Histogram visual fails with an execution error “e.map is not a function”**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the “NULL” value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Snowflake connection shows query errors in Cloudera Data Science Workbench 1.10.3 or lower

Workaround:

To resolve this issue, upgrade Cloudera Data Science Workbench to version 1.10.4 or higher.

Versions affected:

Cloudera Data Visualization 7.1.4 or lower using Cloudera Data Science Workbench 1.10.3 or lower

Fixed in version:

Cloudera Data Visualization 7.1.5

Cloudera issue:

VIZ-2247

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4 - 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Edit and Copy to clipboard buttons do not work on the Manage URL Aliases page**Workaround:**

There is no workaround for the 'Edit' function. For 'Copy to clipboard', open the URL alias in a new tab and copy it from the browser's address bar.

Versions affected:

Cloudera Data Visualization 7.1.3

Fixed in version:

Cloudera Data Visualization 7.1.4

Cloudera issue:

N/A

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

Cloudera Data Visualization 8.0.1

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.2

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Importing visual artifacts can fail in some systems, even with the “Disregard artifacts that exist in other workspaces” option selected

Manually edit the UUID of objects in the exported JSON file with a suffix like ‘-import’.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2050

Histogram visual fails with an execution error “e.map is not a function”**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Query details not opening on subsequent pages of Profile Data/Queries

In the Queries tab under Show Usage Info, clicking the info icon to view query details does not work on any page beyond the first. The popup opens as expected on the first page, but fails to open when the icon is clicked on subsequent pages.

Workaround:

To view query details for items on pages beyond the first, either:

- Increase the number of rows displayed on a page so the desired query appears on the first page, or
- Use search or filter options to bring the query onto the first page

Versions affected:

Cloudera Data Visualization 7.1.2 - 7.2.1

Fixed in version:

Cloudera Data Visualization 7.2.2

Cloudera issue:

VIZ-2074

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on Cloudera Base on premises

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.1

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Importing visual artifacts can fail in some systems, even with the "Disregard artifacts that exist in other workspaces" option selected

Manually edit the UUID of objects in the exported JSON file with a suffix like '-import'.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2050

Histogram visual fails with an execution error "e.map is not a function"**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on Cloudera Base on premises

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Issue with impersonation in Cloudera Data Warehouse Impala connections

You may see the following error while creating or editing the data connection to a Cloudera Data Warehouse Impala or Hive Virtual Warehouse and using the connection details auto-populated from the Cloudera Data Warehouse Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing Cloudera Data Warehouse Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.5, and 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename  
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.1.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible

Workaround:

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on Cloudera Base on premises

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
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3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

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Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.0.5

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible**Workaround:**

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

"Refresh" button not visible in Connection Explorer for Arcadia connections

The Refresh button is not available in the Connection Explorer. The visibility of this button is meant to be controlled by the Hide "Refresh" button from Connection Explorer in Site Settings, but changing the setting has no impact for the arcengine connection.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1799

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Histogram visual fails with an execution error "e.map is not a function"**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on Cloudera Base on premises

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

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Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

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```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
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rom DATABASE_NAME.CDV_TABLE_NAME;
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3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
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```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

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Workaround:

For cloned dashboards, set the parent_report_id property to null in the exported JSON file.

For datasets, replace the version_name with the same version_name in the target system.

Versions affected:

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Fixed in version:

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Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

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Fixed in version:

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VIZ-3377

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When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.0.4

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Picklist in complex data types Show Selected unselects previous selections

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Disable Cloudera Data Warehouse warehouse input if there are no options

In Cloudera Data Warehouse, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

Cloudera Data Visualization 7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible**Workaround:**

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

Line labels are enabled with display formatting for combined visuals**Workaround:**

To resolve this issue, uncheck Label measure values next to points in combined visuals with line graphs.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1702

Switching dashboard sheets in view mode results in JS error**Workaround:**

To resolve this issue, edit a visual in a dashboard.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1733

Trigger Jobs fail with "name 'username' is not defined" NameError**Workaround:**

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled**Workaround:**

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1743

"Refresh" button not visible in Connection Explorer for Arcadia connections

The Refresh button is not available in the Connection Explorer. The visibility of this button is meant to be controlled by the Hide "Refresh" button from Connection Explorer in Site Settings, but changing the setting has no impact for the arcengine connection.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.4 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1799

Histogram visual fails with an execution error "c.map is not a function"**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the Download as PDF dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
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When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.0.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
<ul style="list-style-type: none"> • Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan) 	<ul style="list-style-type: none"> • Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Disable Cloudera Data Warehouse warehouse input if there are no options

In Cloudera Data Warehouse, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

Cloudera Data Visualization 7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible**Workaround:**

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

Custom background color assignment on dimensions or measures not possible

Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

To resolve this issue, add such basic custom styles into the application.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

Cloudera Data Visualization 7.0.4

Cloudera issue:

VIZ-1580 & VIZ-1060

Trigger Jobs fail with "name 'username' is not defined" NameError**Workaround:**

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1742

Line labels are enabled with display formatting for combined visuals**Workaround:**

To resolve this issue, uncheck Label measure values next to points in combined visuals with line graphs.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1702

Switching dashboard sheets in view mode results in JS error**Workaround:**

To resolve this issue, edit a visual in a dashboard.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1733

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error “c.map is not a function”**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

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```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

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Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

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When these options do appear (for example, in the app or email export modal), selecting `One sheet per page` or `One visual per page on current sheet` may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.0.2

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using `arcapi.sendParameters` with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.6

Fixed in version

N/A

Cloudera issue

VIZ-1181

Filtering for null values does not work

It is possible to create filters for fields whose set contains NULL values. However, it is not possible to display only the rows that have NULL for the filtered field value.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.2

Fixed in version

Cloudera Data Visualization 7.0.3

Cloudera issue

VIZ-1452

Disable Cloudera Data Warehouse warehouse input if there are no options

In Cloudera Data Warehouse, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

Cloudera Data Visualization 7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

Issue with old currency display format handling

Workaround

None

Versions affected:

Cloudera Data Visualization 7.0.2

Fixed in version:

Cloudera Data Visualization 7.0.3

Cloudera issue:

VIZ-1561

Unable to clone visuals in some cases**Workaround**

None

Versions affected:

Cloudera Data Visualization 7.0.2

Fixed in version:

Cloudera Data Visualization 7.0.3

Cloudera issue:

VIZ-1562

Impala connection failing

While trying to connect Cloudera Data Visualization on Cloudera Data Science Workbench, the connection test returns an error. This is due to a known [THRIFT bug](#).

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.2

Fixed in version:

Cloudera Data Visualization 7.0.2-b35

Cloudera issue:

VIZ-1568

Custom background color assignment on dimensions or measures not possible

Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

To resolve this issue, add such basic custom styles into the application.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

Cloudera Data Visualization 7.0.4

Cloudera issue:

VIZ-1580 & VIZ-1060

If the user has not dismissed the “What’s New” modal using the “Got It” button, it can appear in emailed dashboards**Workaround:**

To resolve this issue, click Got It in the What’s New modal.

Versions affected:

Cloudera Data Visualization 7.0.2

Fixed in version:

Cloudera Data Visualization 7.0.3

Cloudera issue:

VIZ-1605

Trigger Jobs fail with "name 'username' is not defined" NameError**Workaround:**

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled**Workaround:**

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error “e.map is not a function”**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

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Cloudera issue:

VIZ-2058

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```
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rom DATABASE_NAME.CDV_TABLE_NAME;
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```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
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```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

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For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

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Fixed in version:

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Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

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Workaround:

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Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

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When these options do appear (for example, in the app or email export modal), selecting **One sheet per page** or **One visual per page on current sheet** may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392

Known issues and limitations in Data Visualization 7.0.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

CANCEL button on Edit User or New User modal needs to be clicked twice

Clicking the CANCEL button in the Edit User or New User modals may display an unexpected validation error instead of closing the modal.

Workaround:

The error can be bypassed by clicking CANCEL a second time.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.1

Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-829

Filtering for null values does not work

It is possible to create filters for fields whose set contains NULL values. However, it is not possible to display only the rows that have NULL for the filtered field value.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.2

Fixed in version

Cloudera Data Visualization 7.0.3

Cloudera issue

VIZ-1452

Disable Cloudera Data Warehouse warehouse input if there are no options

In Cloudera Data Warehouse, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

Cloudera Data Visualization 7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.8

Fixed in version

Cloudera Data Visualization 7.2.9

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

Email fails with error

TLS and SSL can both be enabled even if they are mutually exclusive. This results in an error and sending the email fails.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.1

Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-1486

Custom background color assignment on dimensions or measures not possible

Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

To resolve this issue, add such basic custom styles into the application.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

Cloudera Data Visualization 7.0.4

Cloudera issue:

VIZ-1580 & VIZ-1060

Trigger Jobs fail with "name 'username' is not defined" NameError

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error “e.map is not a function”**Workaround:**

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (`database_name.new_table_name`) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
(TABLE_DEFINITION) partitioned by (PARTITION_FIELD
STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and lower

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Unnecessary replacements of datasets and cloned dashboards during import

When importing a cloned dashboard, it is always marked for replacement in the target system, even if no changes were made there. The same behavior occurs with datasets, which are also flagged as needing replacement regardless of actual changes.

Workaround:

For cloned dashboards, set the `parent_report_id` property to null in the exported JSON file.

For datasets, replace the `version_name` with the same `version_name` in the target system.

Versions affected:

Cloudera Data Visualization 6.3.0 and higher

Fixed in version:

Cloudera Data Visualization 8.0.4

Cloudera issue:

VIZ-3345, VIZ 3347

Word cloud may not display East Asian characters correctly

Word cloud visuals may fail to render East Asian characters, such as Chinese, Japanese, or Korean, due to issues with SVG structure. This can result in missing or incorrectly displayed characters in the visualization.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3377

PDF download options missing or causing errors in dashboards

You may experience issues with PDF export options in dashboards, which can impact your ability to export reports as intended.

The following options are missing from the `Download as PDF` dropdown or may cause errors when selected:

- Current sheet
- One sheet per page
- One visual per page on current sheet

When these options do appear (for example, in the app or email export modal), selecting One sheet per page or One visual per page on current sheet may result in an error. Due to these issues, the system defaults to exporting only the current sheet as a PDF, without the ability to change the setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 6.4.3 - 8.0.4

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3391

Importing reports from version 8.0.2 may fail due to a missing annotation field

In version 8.0.2 of Cloudera Data Visualization, an annotation field was introduced in the Reports model, which was later removed. In product versions before 8.0.5, importing reports created in 8.0.2 may fail because the system does not properly handle the missing annotation field during import.

Workaround:

None

Versions affected:

Cloudera Data Visualization 8.0.4 and lower, excluding 8.0.2

Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

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Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-829

Excel or streaming CSV download error for Boolean data types

When the Number of rows downloaded during CSV/Excel export and Detailed Data setting is applied for Excel downloads (all connections) or CSV downloads (Impala/Hive connections), Boolean data types will cause download error.

Workaround:

To resolve this issue, cast the Boolean data as a string or number.

Versions affected:

Cloudera Data Visualization 7.0.0

Fixed in version:

Cloudera Data Visualization 7.0.1

Cloudera issue:

VIZ-1380

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error ([SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA](#)).

Workaround

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Cloudera issue:

VIZ-1580 & VIZ-1060

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Workaround:

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Workaround:

None

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Workaround:

None

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Fixed in version:

Cloudera Data Visualization 8.0.5

Cloudera issue:

VIZ-3392