

# Cloudera Observability On-Premises Release Notes

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# CLOUDERA

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## Release Summary

This is the first release of Cloudera Observability On-Premises.



**Important:** Cloudera Observability On-Premises 3.4.4 is available as a technical preview for customers to experience the upcoming offering. It can support production loads during a trial period if adequate resources are allocated. Customers can also provide feedback and suggest functionalities for the Technical Preview features before full support is available post-GA.

Cloudera Observability On-Premises is a single pane of glass observability solution, continually discovering and collecting performance telemetry across data, applications, and infrastructure components running in your on-premises deployment. It enables you to interactively explore and understand your existing environments, workloads, clusters, and resources running in your on-premises environment.

With advanced intelligent analytics and correlations, it provides insights and easy to follow recommendations that reduce time to resolution of complex issues, help manage and optimize costs, and improve performance. Cloudera Observability On-Premises also supports better financial governance by tracking and reporting on the costs associated with your business' cost centers.

Cloudera Observability On-Premises helps Administrators and Developers to:

- Watch and protect against budget overruns with its financial governance capabilities, allowing you to define cost centers and chargeback reports.
- Keep workloads healthy with active system monitoring, so you not only know what's going on right now, you'll be comparing to previous trends and historical analysis, to predict issues before they happen, receive alerts to take actions, and get automatic mitigations when possible.
- Improve performance with automations that help things run as best as they can, helping you optimize resource utilization and improve performance. With recommendations, you'll get insights into how to tune, and with custom automatic actions, CDP can be configured to auto-tune, your way.
- Maintain end to end health by identifying and eliminating bottlenecks that impact performance, while also ensuring your entire system, from infrastructure to platform, and workload, is healthy and optimized.
- Get actionable insights through self-service analytics, putting easy to use visualizations into everyone's hands.

Cloudera Observability On-Premises collects and visualizes a wide range of metrics and health tests, enabling you to do the following:

- Gain insights on current and completed workload jobs and queries, resource consumption, and system performance from a wide range of metrics.
- Identify bottlenecks, performance, and resource health issues from a wide range of health tests.
- Address performance issues with performance tuning and prescriptive guidance and recommendations.
- Gain visibility into the workload resource costs of your environment's infrastructure with the Financial Governance Chargeback feature.
- Define workload thresholds and consumption rules, create actions and alerts, and securely control user access, with the Workload Views and Access Management features.

In this release, Cloudera delivers observability covering Hive, Impala, MapReduce, Oozie, and Spark.

### Related Information

[Triggering actions across jobs and queries](#)

[Analyzing your environment costs with Cloudera Observability On-Premises cost centers](#)

[Classifying workloads for analysis with Workload Views](#)

[Assigning access roles in Cloudera Observability On-Premises](#)

[Hive, MapReduce, Oozie, and Spark Health Checks](#)

[Impala Health Checks](#)

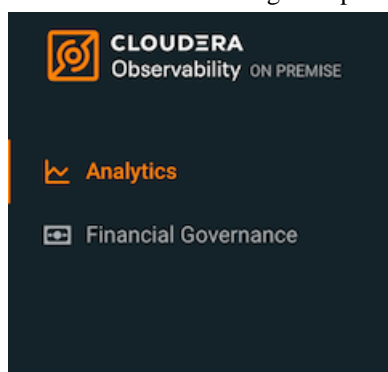
## Known Issues

Current known issues and limitations in Cloudera Observability On-Premises.

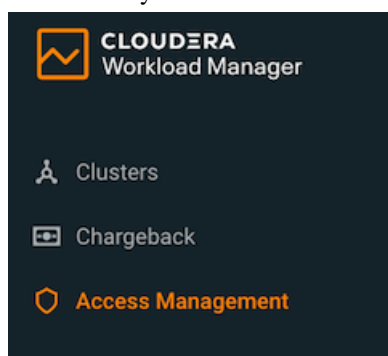
### Known Issues in Cloudera Observability On-Premises 3.4.4

#### Access Management link missing from Cloudera Observability On-Premises 3.4.4

After enabling the role based access property in Cloudera Manager the Access Management link that goes to the Access Management page is not appearing in the Cloudera Observability On-Premises UI's main navigation panel. As shown in the following image:



The following image shows the Access Management link that is not appearing in Cloudera Observability On-Premises 3.4.4.



To access the Access Management page, enter `access` at the end of the Cloudera Observability On-Premises UI's URL. For example, `http://obs_console_server_hostname:port_number/observability/index.html#/access`

Where,

- `obs_console_server_hostname` is the host name of the machine on which the Console server is installed in your Cloudera Observability On-Premises cluster.
- `port_number` is the port number for the Console Server.