

CDP Private Cloud Data Services 1.5.2

# CDP Private Cloud Data Services Release Notes

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## Data Services Release Notes

CDP Private Cloud Data Services includes Management Console, Cloudera Data Warehouse (CDW), Cloudera Machine Learning (CML) and Cloudera Data Engineering (CDE). Learn about the new features and improvements in each of these services.

**Note:**

As of CDP Private Cloud Data Services 1.5.1, external Control Plane metadata databases are no longer supported. New installs require the use of an embedded Control Plane database. Upgrades from CDP Private Cloud Data Services 1.5.0 to 1.5.2 are supported, but there is currently no migration path from a previous external Control Plane database to the embedded database. Upgrades from 1.5.0 with external Control Plane metadata databases also require additional steps, which are described in the CDP Private Cloud Data Services 1.5.2 upgrade topics.

New features and improvements in this version of CDP Private Cloud Data Services:

- Platform:
  - Diagnostic Bundle Improvements
  - [Auditing](#)
  - Support for heterogeneous worker nodes
    - [Dedicating ECS nodes for specific workloads](#)
    - [Dedicating OCP nodes for specific workloads](#)
  - [Rack tagging for ECS nodes](#)
  - [ECS unified time zone.](#)
  - [Configuring multiple Base clusters with one ECS cluster](#)
  - [Data Catalog](#)
  - Certifications
    - OCP 4.12
    - K8s 1.25
- CDW:
  - CDW simultaneously supports LDAP and Kerberos authentication for Hive Virtual Warehouses
  - Group-level access control for Hive Virtual Warehouse (Preview)
  - Ability to use quota-managed resource pools
  - Expanded Iceberg support
  - Added support for collecting CDW audit logs
  - Ability to view Impala query details and query profile in Hue
- CDE:
  - Creating a Git repository in Cloudera Data Engineering
  - Using GPUs to accelerate CDE Spark jobs and sessions (Technical Preview)
  - Elastic Quota for Virtual Clusters
  - Updated CDE Home page
  - View Job run timeline
  - Job log retention policy (Technical Preview)
- CML:
  - ECS Support on RHEL 8
  - Quota Management at workspace level (Tech Preview)
  - Parallel Rsync in CDSW to CML migration tool

Release notes for component services:

- [Data Catalog](#)
- [Management Console](#)
- [Cloudera Data Warehouse \(CDW\)](#)
- [Cloudera Machine Learning \(CML\)](#)
- [Cloudera Data Engineering \(CDE\)](#)
- [Cloudera Manager](#)