Cloudera Management Console in on premises Overview

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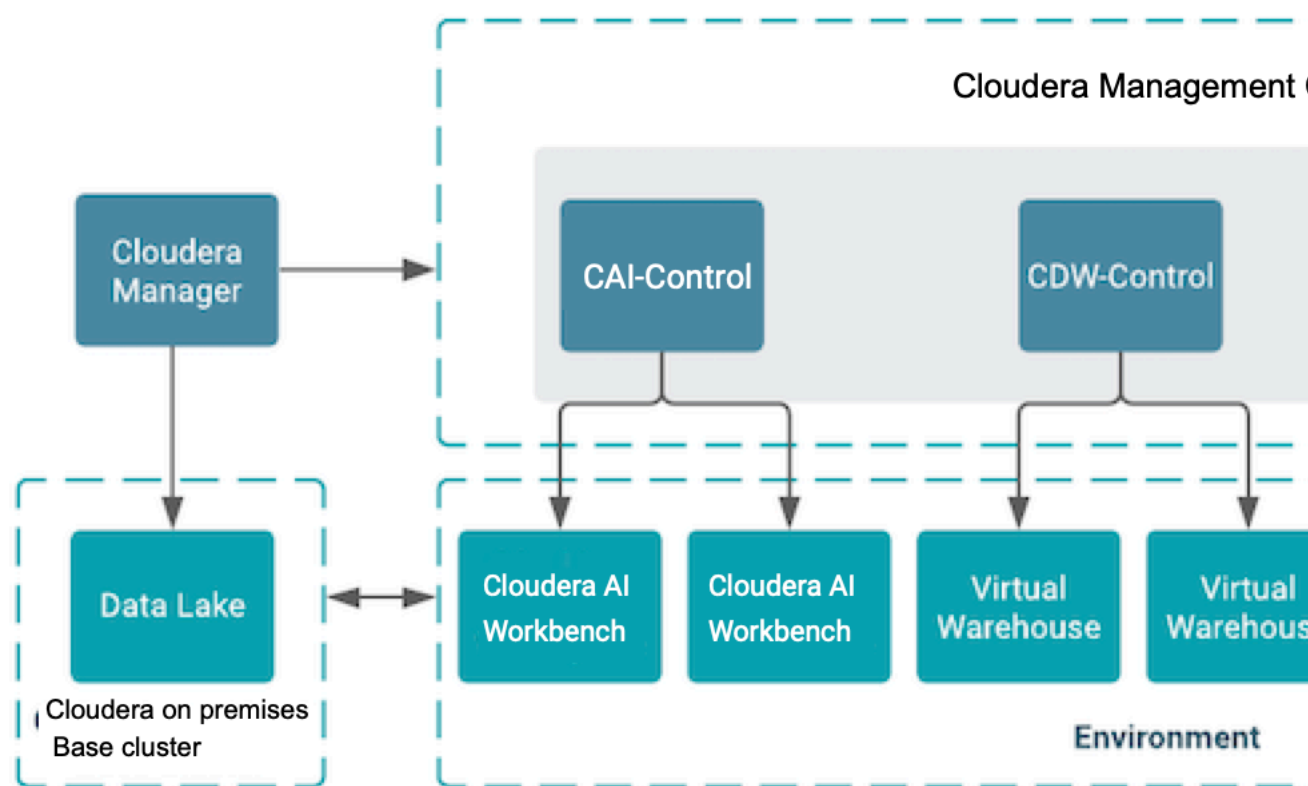# CLOUDERA

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Contents

Cloudera Management Console

The Cloudera Management Console is a service used by Cloudera administrators to manage environments, users, and services.

The Cloudera Management Console allows you to:

- Enable user access to Cloudera Data Services on premises, onboard and set up authentication for users, and determine access rights for the various users to the available resources.
- Register an Environment, which represents the association of your user account with compute resources, where you can manage and provision workloads such as Cloudera Data Warehouse, Cloudera AI, and Cloudera Data Engineering. When registering the Environment, you must specify a Data Lake residing on the Cloudera Base on premises cluster to provide security and governance for the workloads.
- View information about the resources consumed by the workloads for an environment.
- Collect diagnostic information from the services for troubleshooting purposes.

The following diagram shows a basic architectural overview of the Cloudera Management Console on

premises:

Figure 1: Cloudera Management Console
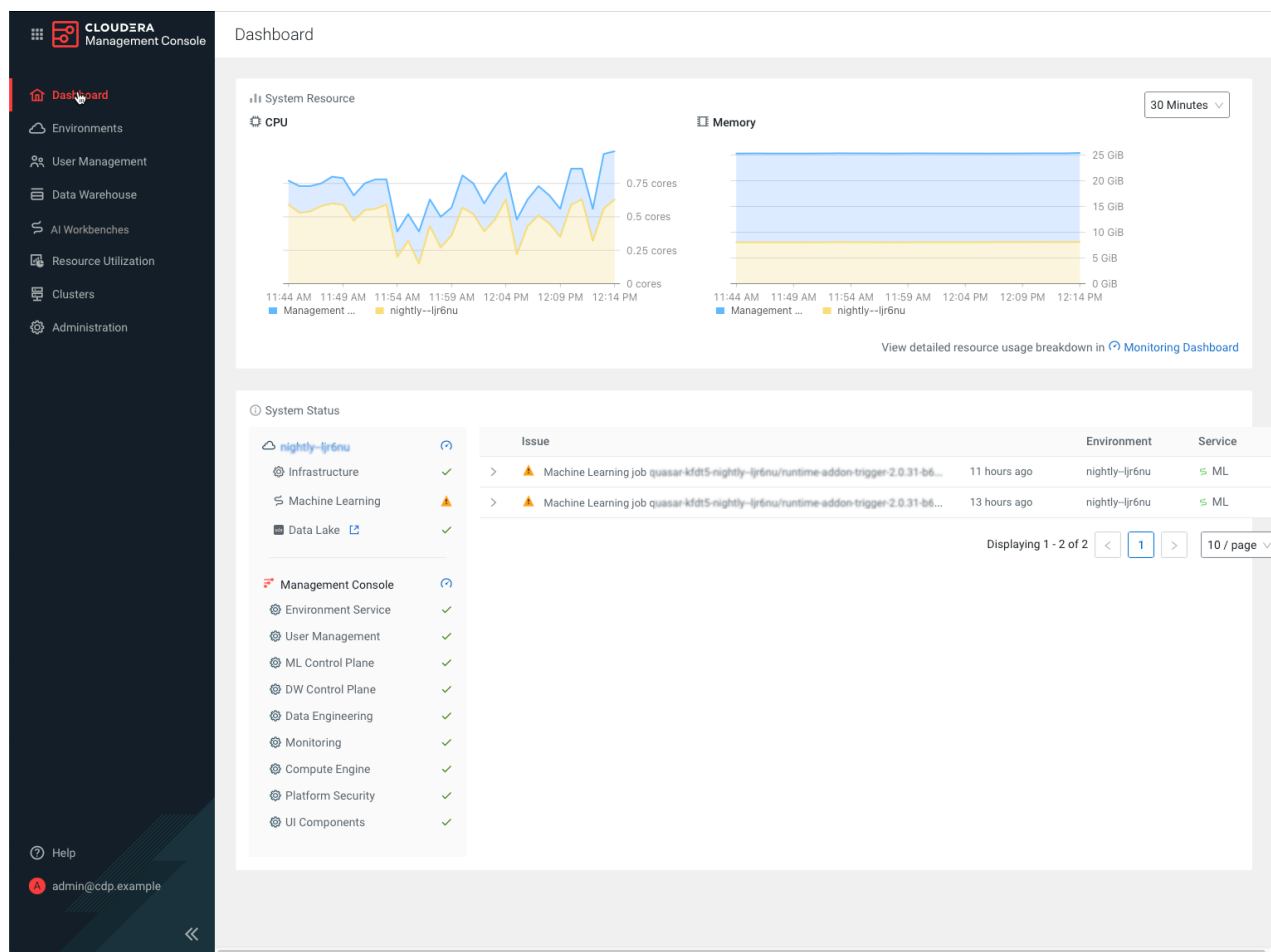
Related Information
Cloudera Data Warehouse
Cloudera AI
Cloudera Data Engineering
Replication Manager

Cloudera on premises Interfaces

You can access and use Cloudera on premises services with the web interface.

Web interface

The Cloudera web interface provides a web-based, graphical user interface. As an admin user, you can use the web interface to register environments, manage users, and provision Cloudera service resources for end users. As an end user, you can use the web console to access Cloudera service web interfaces to perform data engineering or data analytics tasks.

CDP CLI

If you prefer to work in a terminal window, you can download and configure the CDP client that gives you access to the CDP CLI tool. The CDP CLI allows you to perform the same actions as can be performed from the Cloudera Management Console.