

CDP One

## CDP One Overview

Date published: 2022-06-03

Date modified: 2022-08-15

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## CDP One console and services

CDP One includes a number of cloud services designed to address specific enterprise data cloud use cases, and features a workflow-based console.

### Accessing the CDP One console

To access the CDP One console, click the CDP One tile on your enterprise application home page. If you don't have a CDP One tile, contact your IT administrator.

### CDP One services

Available services depend on what has been provisioned for you as part of your CDP One subscription, as well as your assigned user roles, but may include:

- Ingest – Streams Messaging Manager (SMM), Schema Registry, NiFi, NiFi Registry, Kafka
- Query & Notebooks – Cloudera Machine Learning (CML) Projects, Applied ML Prototypes (AMPs), Hue
- Security – Ranger Access Policies, Ranger Auditing, Manage Groups (Security services require the User Administrator role)
- Monitor & Operate – Monitor Applications, Monitor Workloads, Resource Manager, Spark History Server, YARN Queue Manager, YARN Job History Server
- Third Party Connections – JDBC connections for Hive and Impala
- Command Line – SSH connection string

### CDP One console

The CDP One console provides one-click access to CDP One services. If you have more than one environment, you can use the Environment drop-down list to switch to another environment.

Welcome, [redacted]. What would you like to work on? Environment: c [redacted] [dropdown] [gear]

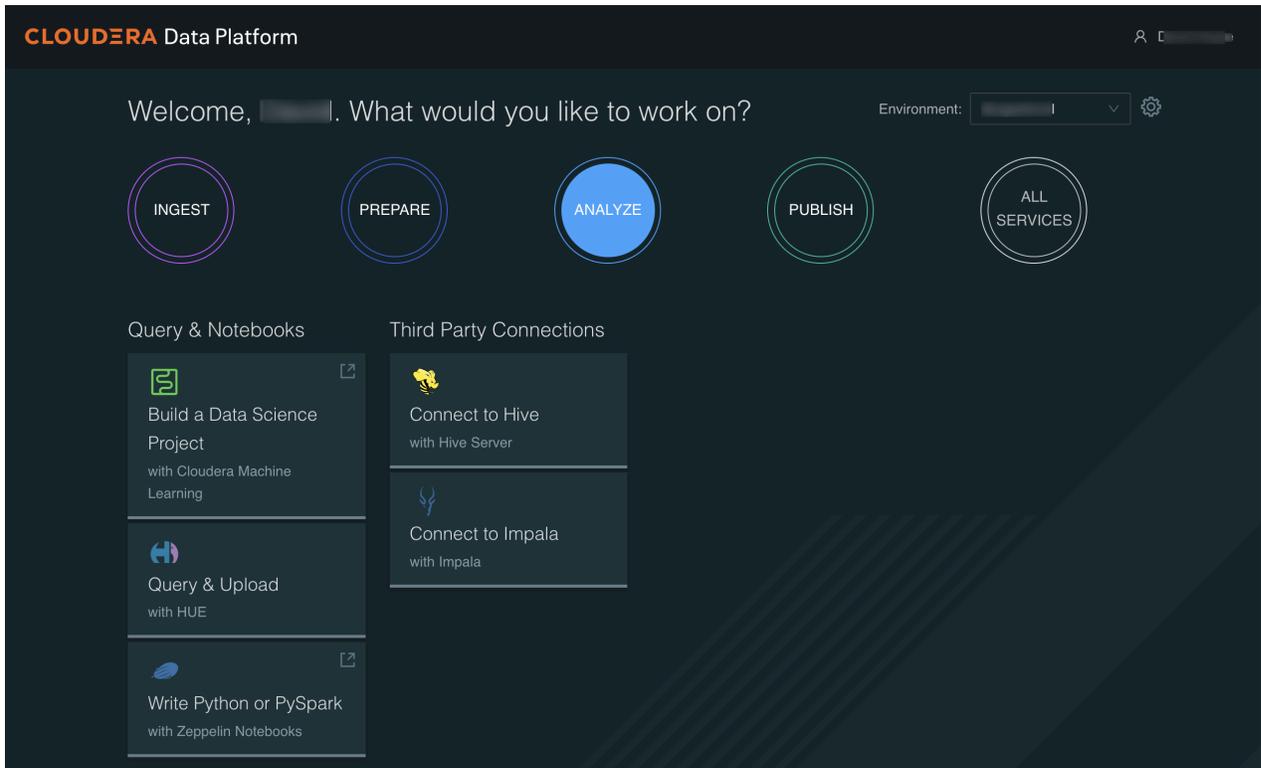
INGEST      PREPARE      ANALYZE      PUBLISH      ALL SERVICES

Ingest	Query & Notebooks	Monitor & Operate	Third Party Connections
<ul style="list-style-type: none"><li>Build and Monitor data flows with NiFi</li><li>Version control data flows with NiFi Registry</li></ul>	<ul style="list-style-type: none"><li>Build a Data Science Project with Cloudera Machine Learning</li><li>Deploy an AMP with Cloudera Machine Learning</li><li>Query &amp; Upload with HUE</li><li>Write Python or PySpark with Zeppelin Notebooks</li></ul>	<ul style="list-style-type: none"><li>Monitor Applications with Cloudera Machine Learning</li><li>Monitor Workload with Cloudera Manager</li><li>Analyze YARN Jobs with Resource Manager</li><li>Analyze Spark Jobs with Spark History Server</li><li>View YARN Queues with Queue Manager</li><li>View Yarn Job History with Job History Server</li></ul>	<ul style="list-style-type: none"><li>Connect to Hive with Hive Server</li><li>Connect to Impala with Impala</li><li>Command Line<ul style="list-style-type: none"><li>SSH for Gateway with Edge node</li></ul></li><li>Security<ul style="list-style-type: none"><li>Manage Policies with Ranger</li><li>Audit Usage with Ranger</li><li>Manage Group Membership with CDP Console</li></ul></li></ul>

### CDP One pipeline filters

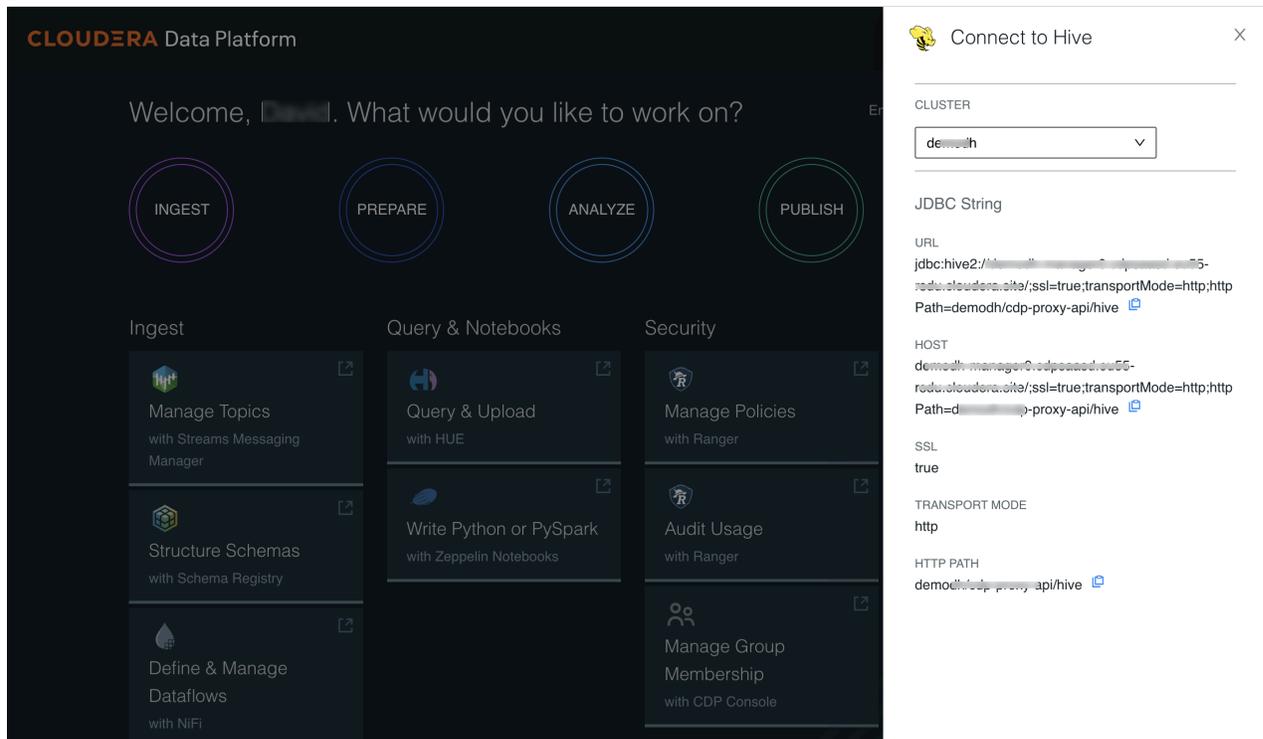
You can use the buttons at the top of the screen to filter your available services based on workflow pipeline stages (the default is All Services):

- Ingest
- Prepare
- Analyze
- Publish



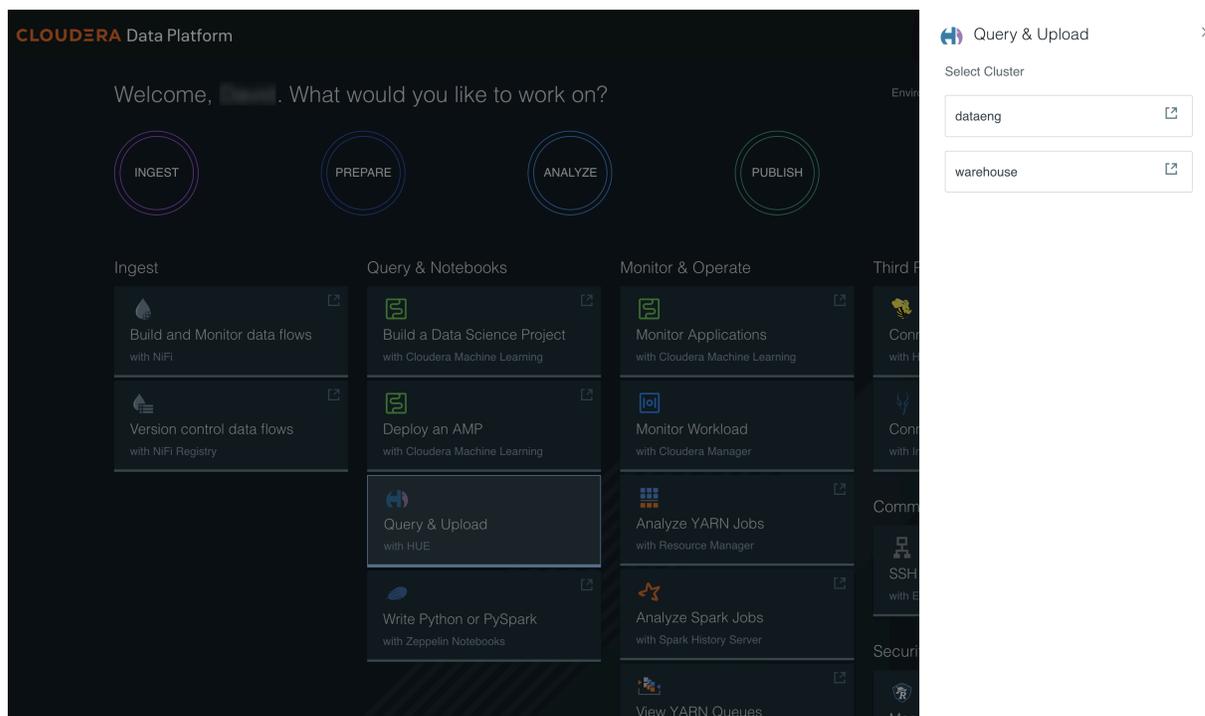
### CDP One console drawer

When you click a connection or command line link, a panel or "drawer" opens at the right side of the page, and provides detailed connection information.



- If you only have one cluster, all of the other service links take you directly to the selected service.

- If you have more than one cluster, the drawer appears when you click one of the other service links, and enables you to specify which cluster service to access.



### Related Information

[Supported Browsers Policy](#)

## CDP One user roles

Your available CDP One services depend on what has been provisioned for you as part of your CDP One subscription, as well as your assigned user groups.

### CDP One roles and permissions

- Data Analyst (data\_analyst) – Access to data and endpoints are driven by Ranger policies. By default any user in this group only has access to their home directory and the default database.
- System Administrator (system\_admin) – Full access to CDP One capabilities, including access to data, service administration, and service consumption.
- User Administrator (user\_admin) – User Administrators can manage user and groups in CDP One, including data policies enforced by Ranger.

Data Analyst is a generic group that is supplanted by specific groups originating from the customer's identity provider (IdP). It is generally insufficient to have a single user group that caters to all data policies. Any additional groups must be forwarded to Support so that these groups can be seeded with the basic permissions assigned to the Data Analyst default group. All further privileges can then be configured for that specific group(s) by the User Administrator via data access policies in Ranger.