

## Control Plane Regions

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## CDP Control Plane regions

Each Control Plane and associated account runs within a geographic region. If your organization requires your CDP account and its data to remain within a specific geographical region, review the regions below to determine the most appropriate region to create your CDP account and Control Plane in.

Every CDP account runs within a shared infrastructure called the CDP Control Plane. Historically, the CDP Control Plane and its services have been hosted in a single geographical region in the United States referred to as us-west-1.

Certain countries may have regulatory requirements that limit or forbid specific types of data from being sent or stored outside of the country or region where an organization operates. For this reason Cloudera has introduced new regions in which the Control Plane can run. By choosing a region other than us-west-1, you can ensure that sensitive metadata (such as information about CDP users) does not leave its region or country of origin.

During the CDP account creation process, your administrator will work with the account creation team to choose the appropriate Control Plane region to create your CDP account in. Your CDP account together with users, groups, and CDP resources like environments, Data Lakes, and Data Hubs are tied to the Control Plane region that they are created in. After account creation, there is no option to change the region in which the Control Plane and CDP account will run.

Regions	us-west-1	eu-1	ap-1
Location	United States	Germany	Australia
Year Opened	2019	2021	2021



As new Control Plane regions are added, not every CDP feature or data service will be available in every region, though these features will eventually be supported for every region. Refer to the following support matrix to determine which CDP data services and major CDP features are available within the region where your CDP Control Plane resides:

CDP service	us-west-1 (USA)	eu-1 (Germany)	ap-1 (Australia)
Data Engineering	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Data Hub	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Data Warehouse	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
DataFlow	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Machine Learning	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Operational Database	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Replication Manager	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Workload Manager	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
Data Catalog	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA

CDP feature	us-west-1 (USA)	eu-1 (Germany)	ap-1 (Australia)
Auditing	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA
CCMv1	<input type="checkbox"/> GA	N/A	N/A
CCMv2	<input type="checkbox"/> GA	<input type="checkbox"/> GA	<input type="checkbox"/> GA

CDP feature	us-west-1 (USA)	eu-1 (Germany)	ap-1 (Australia)
Classic Clusters	GA	GA	GA
Unified Diagnostics	GA	N/A	N/A
Metering	GA	GA	GA

The following terminology is used in the above table:

-  - The service is general availability in the specific region
-  - The service is preview in the specific region
- N/A - The service is not available in the specific region

Although there are few visible differences in CDP depending on which Control Plane region you choose, it is important that you set up outbound network access ([AWS](#), [Azure](#), [GCP](#)) correctly for the Control Plane region that you use. You should also take note that for different Control Plane regions, the endpoints will be different for the Control Plane API and UIs.

You can configure your CDP client to use a certain Control Plane region by default. For more information on this, see [Configuring CDP Client](#).



**Important:** Note that the name of the region in which a Control Plane runs is used within CRNs (the ID that CDP uses to define a resource, such as an environment, user, or cluster); within API endpoints; and more, though in CDP documentation, examples of these strings often use “us-west-1.”