



Starter Kit for CDP Public Cloud

Introduction

This document explains key steps required for Cloudera Partners to get started with CDP (Cloudera Data Platform) Public Cloud. It describes the high level steps required to setup CDP Public Cloud for demos, POCs, POVs and internal trainings.

Business & Legal Steps

The Cloudera Partner Development subscription is provided to only Cloudera partners & more specifically Partners who have agreed on Cloudera Connect program terms & conditions. If you are not a Cloudera partner and want to be one, please follow the below link to apply:

<https://www.cloudera.com/partners/membership-application.html>

If your company is already a Cloudera Partner, you can register onto Cloudera Partner portal with your official email address

<https://my.cloudera.com/partner-portal.html>

Request for a Partner Development Subscription by filling-in below form. Our operations team will look into your request and send you required links to login to CDP Public Cloud Console (ETA~7 days)

Please note, you need to be a registered user onto Cloudera Partner portal and login before clicking below link.

<https://my.cloudera.com/partner-portal/validate.html>

Technical Steps

If you are new to Cloudera Data Platform (CDP), we strongly recommend you go through this free Cloudera University course on CDP:

<https://www.cloudera.com/about/training/courses/cloudera-essentials-for-cdp.html#?classType=ondemand>

The section explains technical steps for you to get CDP Public Cloud up and running.

1. First you need to choose your Public Cloud vendor(AWS & Azure) which you will be using as infrastructure for hosting Cloudera Data Platform. There are specific requirements on AWS/Azure account that you use to setup required pre-requisites for CDP. The best approach would be to get an AWS/Azure account with Admin rights. If you are not getting an admin account, please make sure your account has all required rights as per links below:

- AWS:

- <https://docs.cloudera.com/management-console/cloud/requirements-aws/topics/mc-requirements-aws.html>
- Azure:
<https://docs.cloudera.com/management-console/cloud/requirements-azure/topics/mc-azure-requirements.html>

2. Setup of required pre-requisites & CDP environment creation: These CDP Quick Starts walk you through the prerequisite set up required in your cloud provider account, as well as creating a CDP credential and registering an environment in CDP.

- AWS:
<https://docs.cloudera.com/management-console/cloud/aws-quickstart/topics/mc-aws-quickstart.html>
- Azure: Documentation link:
<https://docs.cloudera.com/cdp/latest/azure-quickstart/topics/mc-azure-quickstart.html>

The above documentation is good enough for you to start deploying CDP Public Cloud. If you still need formal Cloudera training on setting up CDP Public Cloud, you can refer to below formal paid training from Cloudera university:

<https://ondemand.cloudera.com/courses/course-v1:CDP+Admin-Pub+200630/course/>

3. Once your environment is ready, then you are all set to bring-up on-demand compute for various Data workloads. Both CDP Public and Private Cloud deployments are built atop containerization and orchestration technologies, including Docker and Kubernetes.

This makes it possible to provide specialized platform-as-a-service experiences for popular types of workloads, such as Machine Learning, Data Warehouse & many more. Please follow below links to setup your self-service experiences:

- Cloudera Data Warehouse (CDW)
 - Documentation link for step-by-step guide on CDW setup:
<https://docs.cloudera.com/data-warehouse/cloud/getting-started/topics/dw-create-virtual-warehouse-end-to-end-flow.html>
 - Free Training course to understand CDW in more detail:
<https://www.cloudera.com/about/training/courses/cdp-intro-to-cloudera-data-warehouse.html>
- Cloudera Machine Learning (CML)
 - Documentation link for step-by-step guide on CML setup:
<https://docs.cloudera.com/machine-learning/cloud/workspaces/topics/ml-provision-workspaces.html>
 - Free Training course to understand CML in more detail:
<https://www.cloudera.com/about/training/courses/cdp-intro-to-cloudera-machine-learning.html>

4. If you are looking at setting-up VM based Clusters for better flexibility & control, you can setup Data Hub Clusters. Now with CDP, we have various pre-tested templates to setup your Clusters with few clicks. If you want to setup one such Data Hub Cluster, you can follow steps provided in below link:

- AWS:
<https://docs.cloudera.com/data-hub/cloud/create-cluster-aws/topics/dh-cluster-options.html>
- Azure:
<https://docs.cloudera.com/data-hub/cloud/create-cluster-azure/topics/dh-cluster-options.html>

5. If you are actively not working on CDP, you can stop CDP environment and also self-service experiences. You can start these anytime you want to use it.

With this, you have a working environment of CDP with you. If you have any trouble setting this up, we first recommend you look for posts on our community for issues you are facing. If those posts does not help much, reach out to your Partner Sales Manager/Partner Sales Engineer.

Author:
Vinay Rayker
Partner Technology Leader & Partner COE Manager
Cloudera