

Cloudera Data Engineering Prerequisites

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Prerequisites for Cloudera Data Engineering on CDP Private Cloud

Prerequisites for Cloudera Data Engineering (CDE) on Cloudera Data Platform (CDP) Private Cloud.

Before deploying CDE, make sure you have reviewed and complied with the requirements in the installation guide for your environment:

- [Installing on OpenShift](#)
- [Installing using the Embedded Container Service](#)

CDP Private Cloud Base cluster requirements

The CDP Private Cloud Base cluster that you are using for the Cloudera Data Engineering service must have the Apache Ozone service enabled. You must make sure to enable the Apache Ozone service before creating the CDE environment.

Red Hat OpenShift Container Platform requirements

For CDE Private Cloud running on Red Hat OpenShift Container Platform (OCP), you must configure a route admission policy.

You must configure the OpenShift cluster for running applications in multiple namespaces with the same domain name. Run the following commands. If you have not installed the `oc` command line utility, install it using the [instructions](#) in the OpenShift documentation. For instructions on downloading the OCP kubeconfig file, see [Downloading the kubernetes Configuration](#).

```
export KUBECONFIG=</path/to/ocp-kubeconfig>
oc -n openshift-ingress-operator patch ingresscontroller/default --patch '{
"spec": {"routeAdmission": {"namespaceOwnership": "InterNamespaceAllowed"}}}' -
-type=merge
```

NFS

NFS version 4.0 is required for CDE.