**Install Chaos Mesh using Helm**

This document describes how to install Chaos Mesh in the production environment.

**Prerequisites**[**​**](https://chaos-mesh.org/docs/production-installation-using-helm/#prerequisites)

Before installing Chaos Mesh, make sure that you have installed [Helm](https://helm.sh/docs/intro/install/) in your environment.

To check whether Helm is installed or not, execute the following command:

helm version

NOTE

In this document, Helm v3 is used in commands to make operations on Chaos Mesh. If Helm v2 is used in your environment, refer to [Migrate Helm v2 to v3](https://helm.sh/docs/topics/v2_v3_migration/) or modify the Helm version to the v2 format.

**Install Chaos Mesh using Helm**[**​**](https://chaos-mesh.org/docs/production-installation-using-helm/#install-chaos-mesh-using-helm)

**Step 1: Add Chaos Mesh repository**[**​**](https://chaos-mesh.org/docs/production-installation-using-helm/#step-1-add-chaos-mesh-repository)

Add the Chaos Mesh repository to the Helm repository:

helm repo add chaos-mesh https://charts.chaos-mesh.org

**Step 2: View the installable versions of Chaos Mesh**[**​**](https://chaos-mesh.org/docs/production-installation-using-helm/#step-2-view-the-installable-versions-of-chaos-mesh)

To see charts that can be installed, execute the following command:

helm search repo chaos-mesh

NOTE

The above command will output the latest release of chart. If you want to install a historical version, execute the following command to view all released versions:

helm search repo chaos-mesh -l

After the above command is completed, you can start installing Chaos Mesh.

**Step 3: Create the namespace to install Chaos Mesh**[**​**](https://chaos-mesh.org/docs/production-installation-using-helm/#step-3-create-the-namespace-to-install-chaos-mesh)

It is recommended to install Chaos Mesh under the chaos-mesh namespace, or you can specify any namespace to install Chaos Mesh:

kubectl create ns chaos-mesh

### Step 4: Install Chaos Mesh in K8s environments

helm install chaos-mesh chaos-mesh/chaos-mesh -n=chaos-mesh --set chaosDaemon.runtime=containerd --set chaosDaemon.socketPath=/run/containerd/containerd.sock --version 2.5.1

### Step 5: Verify Installation

### Go to Bastion and check kubectl get pods -n chaos-mesh all pods to be up and running

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### Step 6: Dashboard UI exposing as ELB and port Text Description automatically generated

### Make the following changes & apply the service file