



Add your first cluster to Astra

Project Astra

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After you log in to the Astra beta program, your first step is to add a Kubernetes cluster.

Steps

1. On the Dashboard, click **Add a Kubernetes Cluster**.

Follow the prompts to add the cluster.

2. **Provider:** Provide the service account key file either by uploading the file or by pasting the contents from your clipboard.

Add compute STEP 1/4: PROVIDER

SELECT PROVIDER

Google Cloud Platform

SELECT CREDENTIALS

Project Astra requires a Google Cloud Platform service account that has been granted the roles necessary to facilitate Kubernetes application data management. Please follow [Instructions](#) on how to create a new service account.

Upload file Paste from Clipboard Use existing

Service account JSON *
eng-polariscloud-c3c3a2230429.json

Service account name *
example service account

Cancel Discover clusters →

Astra uses the service account to discover the clusters running in Google Kubernetes Engine.

3. **Compute:** Select the cluster that you'd like to add and click **Configure storage**.

Pay careful attention to the Eligible tab. If a warning appears, hover over the warning to determine if there's an issue with the cluster. For example, it might identify the cluster doesn't have a worker

node.

4. **Storage:** Select the default storage class that you'd like to use with this cluster and click **Review information**.

Each storage class utilizes [Cloud Volumes Service for Google Cloud](#).

5. **Review & Approve:** Review the configuration details and click **Add compute**.

Add compute STEP 4/4: REVIEW & APPROVE

REVIEW CONFIGURATION

The installation may take up to 5 minutes.

- CONFIGURE PROVIDER**
Using provider service account "beta-access@eng-polariscloud"
Setting object store "astra-backup-4fd461b5-45d9-4bc2-9f58-8193186393e0"
- CONFIGURE COMPUTE**
Add Kubernetes cluster "singularity-core"
Create Kubernetes admin account "project-astra-admin-account"
- CONFIGURE STORAGE**
Create netapp-cvs storage classes
Set "netapp-cvs-netapp-cvs-perf-premium" as default storage class

← Configure storage Add compute ✓

The following video shows how to add a cluster.

► <https://docs.netapp.com/us-en/project-astra/get-started/media/video-manage-cluster.mp4> (video)

Result

Astra creates an object store for application backups, creates an admin account on the cluster, and sets the default storage class that you specified. This process takes up to 5 minutes.

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