



# Quick start for Project Astra

## Project Astra

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# Quick start for Project Astra

Get started with the Project Astra beta program in a few steps.



## Review Kubernetes cluster requirements

- Project Astra supports Kubernetes clusters that are managed by Google Kubernetes Engine (GKE).
- Clusters must be running a healthy state, with at least one online worker node, and in a [Google Cloud region that supports Cloud Volumes Service](#).
- A cluster must be running Kubernetes version 1.17 or later.
- The image type for each worker node must be Ubuntu.

[Learn more.](#)



## Set up Google Cloud

1. Set up a Google Cloud account and project.
2. Create a service account that has the required permissions:
  - Kubernetes Engine Admin
  - Cloud Volumes Admin
  - Storage Admin
  - Service Usage Viewer
  - Compute Network Viewer
3. Create a service account key.
4. [Enable the required APIs.](#)
5. [Enable networking for Cloud Volumes Service for Google Cloud.](#)

[Learn more.](#)



## Sign up to NetApp Cloud Central

Sign up to [NetApp Cloud Central](#) so you can access Project Astra and NetApp's other cloud services.  
[Learn more.](#)



## Accept your Beta invitation

After you've been accepted into the Project Astra Beta program, you'll receive an invitation to join a

Project Astra account. Accept this invitation to join the account and log in to the Project Astra interface. [Learn more.](#)



### **Add your first cluster**

After you log in, click **Add a Kubernetes Cluster** to start managing your first cluster with Project Astra. [Learn more.](#)

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