

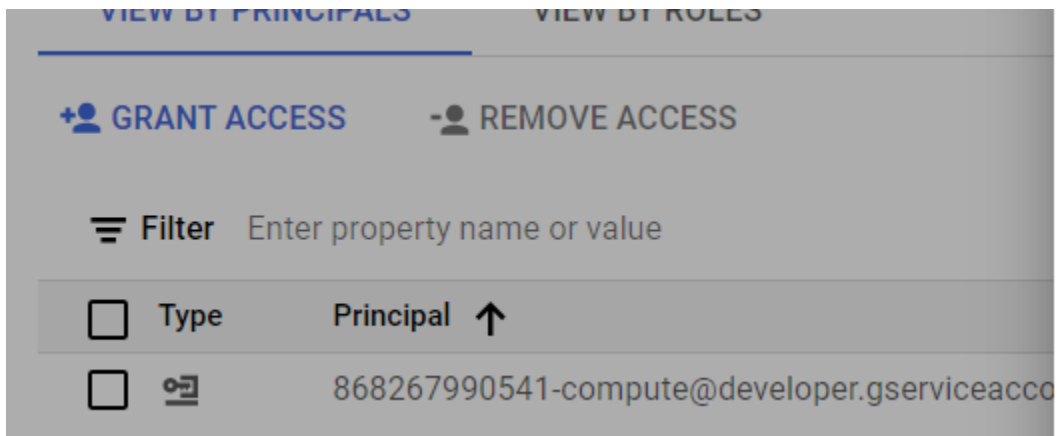
GCP Cluster Creation Considerations

Enablers for Your Cluster Creation

Enable the following APIs:

- Cloud Dataproc API
- Compute Engine API
- Cloud Resource Manager API

In IAM Admin, add “Storage Admin” role.



Full access to most Google Cloud resources. See the list of included permissions.

Role

Storage Admin

Grants full control of buckets and objects.

IAM condition (optional) ?

+ ADD IAM CONDITION


During Cluster Creation

- Enable Component Gateway
- Uncheck “Internal IP Only”

Create a Dataproc cluster on Compute Engine

- Set up cluster
Begin by providing basic information.
- Configure nodes (optional)
Change node compute and storage capabilities.
- **Customize cluster (optional)**
Add cluster properties, features, and actions.
- Manage security (optional)
Change access, encryption, and security settings.

Internal IP only

☐ Configure all instances to have only internal IP addresses. [Learn more](#) 

Labels

A list of key:value pairs to attach to the cluster for tracking.

[+ ADD LABELS](#)

Cluster properties

Use cluster properties to add or modify configuration files when creating a cluster.