

# Configure Cloud Profile

The cloud profile contains necessary access and authentication information to deploy cloud object storage for MayNAS server operation. The cloud profile can interface with the following cloud providers

- Azure Blob Storage
- Google Cloud Storage
- Amazon AWS S3
- Other S3 compatible (digital ocean, CenturyLink etc)

## Azure Blob Storage

The screenshot shows the 'Configured Cloud Accounts' window in the MayNAS application. On the left is a sidebar with navigation options under 'MayaNAS Storage Server' and 'MayaNAS Server Wizards'. The main panel is titled 'Configured Cloud Accounts' and contains a 'New Cloud Storage' form. The form has two sections: 'Cloud Profile' and 'Cloud Storage Information'. In the 'Cloud Profile' section, the 'Label' field contains 'ai-project1' and the 'Description' field contains 'ai project blob storage'. In the 'Cloud Storage Information' section, the 'Storage Type' dropdown is set to 'Azure Blob', the 'Account' field contains 'aitest3934', and the 'Secret' field is empty. At the bottom right of the form are 'Finish' and 'Cancel' buttons.

From Manage Cloud Storage New Cloud

1. Enter **Label** for the profile name that identifies this particular service
2. Optionally you may enter **Description** information to identify this cloud profile
3. Select **Storage Type** as Azure Blob to configure Microsoft Azure Blob storage
4. Use the Azure storage account name for **Account**
5. For **Secret** enter the base64 encrypted access key string that was generated for blob storage access.
6. Click **Finish**

## Amazon S3

MayaNAS Storage Server: ⌵

My Server  
Configure Server  
Manage Volumes & Pools  
Manage NFS shares  
Manage Snapshots  
Manage Replication  
Manage Failover  
Add or remove Mappings  
Add or remove Hosts  
Manage iSCSI operations  

Manage Cloud Storage

  
View Disks

MayaNAS Server Wizards: ⌵

Getting Started  
Create Mayastor volume  
Create Volume Group  
Create Raid Group  
Create ZFS Storage Pool  
Create Cloud Storage  
Create Application server  
Map a volume


### Configured Cloud Accounts

New Cloud Storage

Cloud Profile:

Label:   
Description:

Cloud Storage Information:

  
Amazon S3

Storage Type:   
Account:   
Secret:   
Location:

Finish

Cancel

From Manage Cloud Storage New Cloud

1. Enter **Label** for the profile name that identifies this particular service
2. Optionally you may enter **Description** information to identify this cloud profile
3. Select **Storage Type** as Amazon S3
4. Enter the **Account** name which is the first part of access key separated by colon character.
5. For **Secret** enter the second part of the access key separated by colon character.
6. Click **Finish**

## Google Cloud Storage

MayaNAS Storage Server: ⌵

My Server  
Configure Server  
Manage Volumes & Pools  
Manage NFS shares  
Manage Snapshots  
Manage Replication  
Manage Failover  
Add or remove Mappings  
Add or remove Hosts  
Manage iSCSI operations  

Manage Cloud Storage

  
View Disks

MayaNAS Server Wizards: ⌵

Getting Started  
Create Mayastor volume  
Create Volume Group  
Create Raid Group  
Create ZFS Storage Pool  
Create Cloud Storage  
Create Application server  
Map a volume


### Configured Cloud Accounts

New Cloud Storage

Cloud Profile:

Label:   
Description:

Cloud Storage Information:

  
Google Cloud Storage

Storage Type:   
Account:   
Secret:

Finish

Cancel

From Manage Cloud Storage New Cloud

1. Enter **Label** for the profile name that identifies this particular service
2. Optionally you may enter **Description** information to identify this cloud profile
3. Select **Storage Type** as Google Storage
4. Enter the **Account** name which is the first part of access key separated by colon character.
5. For **Secret** enter the second part of the access key separated by colon character.
6. Click **Finish**

## Other S3 compatible

**MayaNAS Storage Server:**

- My Server
- Configure Server
- Manage Volumes & Pools
- Manage NFS shares
- Manage Snapshots
- Manage Replication
- Manage Failover
- Add or remove Mappings
- Add or remove Hosts
- Manage iSCSI operations
- Manage Cloud Storage**
- View Disks

**MayaNAS Server Wizards:**

- Getting Started
- Create Mayastor volume
- Create Volume Group
- Create Raid Group
- Create ZFS Storage Pool
- Create Cloud Storage
- Create Application server
- Map a volume

### Configured Cloud Accounts


#### New Cloud Storage

**Cloud Profile:**

Label:

Description:

**Cloud Storage Information:**



Storage Type:

Account:

Secret:

BaseURL:

From Manage Cloud Storage New Cloud

1. Enter **Label** for the profile name that identifies this particular service
2. Optionally you may enter **Description** information to identify this cloud profile
3. Select **Storage Type** as Other S3 generic
4. Enter the **Account** name which is the first part of access key separated by colon character.
5. For **Secret** enter the second part of the access key separated by colon character.
6. Enter the **BaseURL** accessing the storage bucket. Make sure to include the trailing slash (/) character too.
7. Click **Finish**