

Commands For Storage Account

- Create Resource Group: -

az group create --name myrg --location centralindia

- List all storage accounts in a resource group

az storage account list --resource-group myrg --output table

- Show details of a specific storage account

az storage account show --name disk077 --resource-group myrg

- Create a new storage account

az storage account create --resource-group myrg --name disk077 --location centralindia --sku Standard_LRS --kind BlobStorage --access-tier Hot

- Disable Soft Delete for Blobs

az storage blob service-properties delete-policy update --account-name disk077 --enable false

- Create container in storage account

az storage container create --resource-group myrg --account-name disk077 --name con077

- Disable Container Soft Delete

az storage account blob-service-properties update --account-name disk077 --enable-container-delete-retention false

- Disable Soft Delete for File Shares

az storage account file-service-properties update --account-name disk077 --resource-group myrg --enable-delete-retention false

- Enable versioning

az storage account blob-service-properties update --account-name disk077 --enable-versioning true

- Show details of a specific storage account

az storage account show --name disk077 --resource-group myrg

- Generate a Shared Access Signature (SAS) token

az storage account generate-sas --account-name disk077 --permissions rwl --resource-types co --services bf --expiry 2025-10-16T12:00:00Z --output tsv

Explanation of parameters:

- **--account-name:** The name of your Azure storage account.
- **--permissions:** Specifies the permissions granted by the SAS. This can be a combination of letters representing permissions like r (read), w (write), d (delete), l (list), a (add), u (update), p (process), c (create), f (find), i (immutable storage), t (tag), e (set properties). For example, rwl grants read, write, and list permissions.
- **--resource-types:** Specifies the resource types to which the SAS grants access. This can be a combination of s (service), c (container), and o (object). For example, sco.
- **--services:** Specifies the storage services to which the SAS grants access. This can be a combination of b (blob), f (file), q (queue), and t (table). For example, bf.
- **--expiry:** The expiration time of the SAS token in ISO 8601 UTC format (e.g., 2025-10-16T12:00:00Z).
- **--output tsv:** Specifies the output format as Tab Separated Values, which makes it easier to copy the raw SAS token.
- To print SAS URL: -

Generate a SAS Token for a Blob

az storage account generate-sas --account-name disk077 --permissions rwl --resource-types co --services bf --expiry 2025-10-16T12:00:00Z --output tsv

Get the Blob URL

az storage blob url --account-key <account-key> --account-name disk077 --container-name con077 --name VMSS.pdf --output tsv

Combine Both (to print the Full SAS URL)

BLOB_URL="https://disk077.blob.core.windows.net/con077/VMSS.pdf"

```
SAS_TOKEN="se=2025-10-16T12%3A00%3A00Z&sp=rwl&sv=2022-11-02&ss=bf&srt=co&sig=OMF48/Kjdq1i7j4Hzb5hkY/SMk1ump22ITu0GuB8RNM%3D"
echo "$BLOB_URL?$SAS_TOKEN"
```

Result: - SAS URL

<https://disk077.blob.core.windows.net/con077/VMSS.pdf?se=2025-10-16T12%3A00%3A00Z&sp=rwl&sv=2022-11-02&ss=bf&srt=co&sig=OMF48/Kjdq1i7j4Hzb5hkY/SMk1ump22ITu0GuB8RNM%3D>

- Regenerate a specific storage account key

```
az storage account keys renew --account-name disk077 --resource-group myrg --key primary
```

- Create a blob container

```
az storage container create --name mycontainer --account-name disk077 --public-access off
```

- View container properties

```
az storage container show --name mycontainer --account-name disk077
```

- Upload a file (blob) to a container

```
az storage blob upload --account-name disk077 --container-name mycontainer --name VMSS.pdf
```

- List all blobs inside a container

```
az storage blob list --account-name disk077 --container-name mycontainer --output table
```

- Create an Azure File Share

```
az storage share create --name myshare --account-name disk077
```
