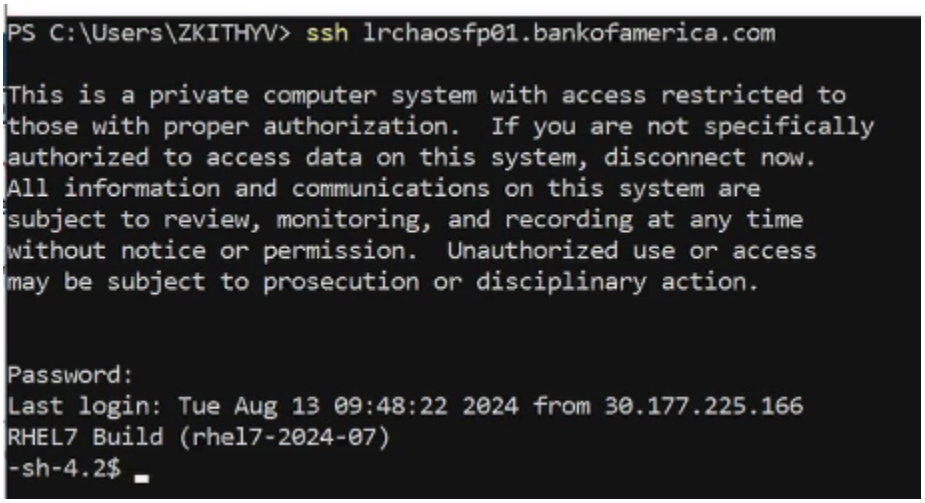
MIGRATION OF DATA FROM ONE STORAGE ACCOUNT TO ANOTHER.

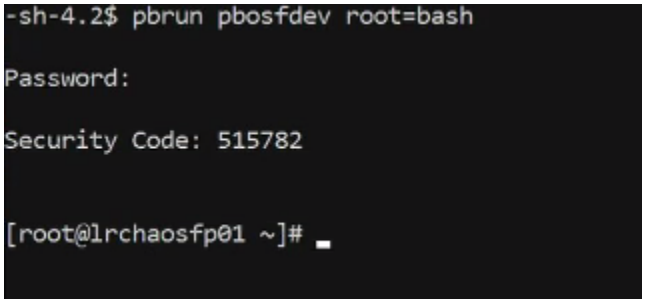
Script-

```
#!/bin/bash

# Set variables
SOURCE_STORAGE_ACCOUNT="monissa1"
SOURCE_CONTAINER="srcdata"
DEST_STORAGE_ACCOUNT="monissa2"
DEST_CONTAINER="destdata"
FAILED_DIR="failed_uploads"

# Create a directory for failed uploads
mkdir -p $FAILED_DIR

# Get the list of blobs in the source container
blob_list=$(./az storage blob list --account-name $SOURCE_STORAGE_ACCOUNT
--container-name $SOURCE_CONTAINER --query "[].name" -o tsv --auth-mode login)

# Loop through the list of blobs and download each one
for blob in $blob_list; do
    echo "Downloading blob: $blob"
    ./az storage blob download --account-name $SOURCE_STORAGE_ACCOUNT
--container-name $SOURCE_CONTAINER --name $blob --file $blob --auth-mode login

    echo "Uploading blob: $blob to destination storage account"
    ./az storage blob upload --account-name $DEST_STORAGE_ACCOUNT --container-name
$DEST_CONTAINER --name $blob --file $blob --auth-mode login

 # Check if the upload was successful
    if [ $? -ne 0 ]; then
        echo "Failed to upload $blob, moving to $FAILED_DIR"
        mv $blob $FAILED_DIR/
    else
        # Optionally delete the downloaded file to save space if upload was successful
        rm $blob
    fi
done

echo "All blobs have been transferred.
```

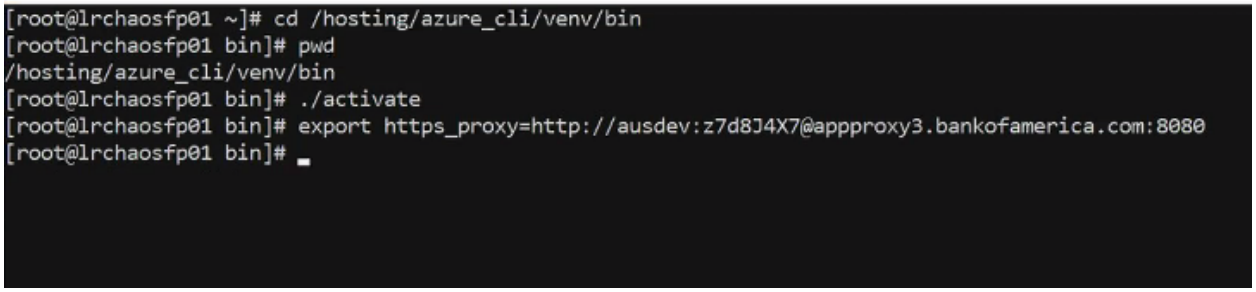
Establish a secure SSH connection to the jumphost "lrchaosfp01.bankofamerica.com."



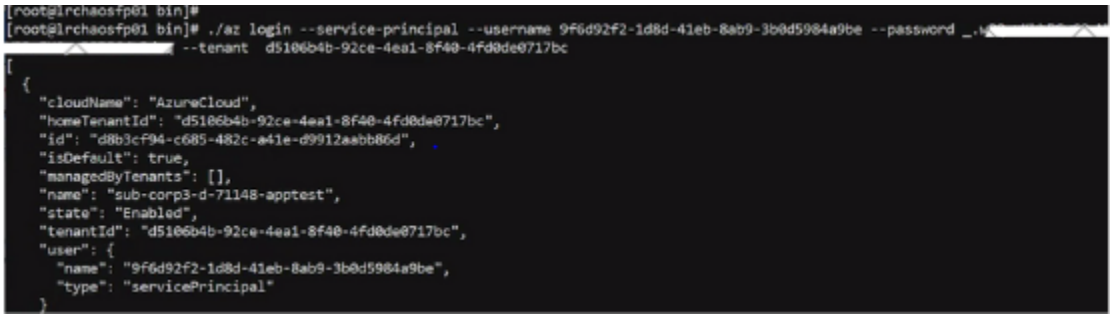
Run a bash shell with root privileges within a controlled environment managed by the PowerBroker system.
Enter the id,password and you'll get a security code on authenticator.
pbrun is a command typically associated with BeyondTrust PowerBroker. It's a tool used for privilege management and allows for secure execution of tasks with specific permissions.
Pbrun <group> <user=shell>



Navigate to /hosting/azure_cli/venv/bin where you'd find the activate script which sets up the environment variables and paths necessary to use the packages installed within the virtual environment. Run the script and configure the system to use a proxy server for HTTPS traffic.

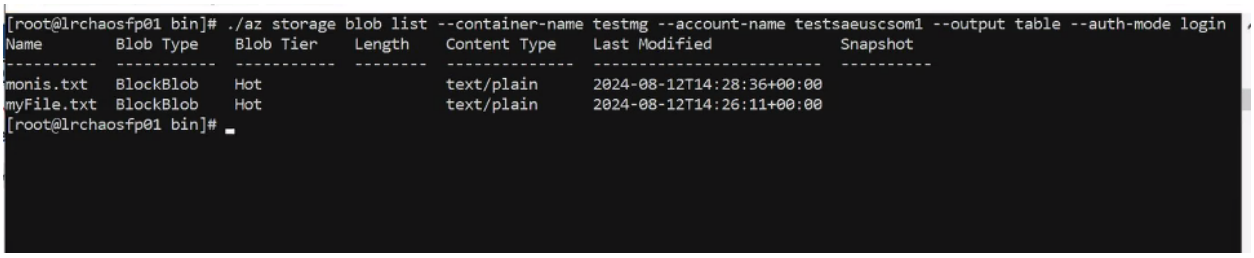


Establish an Azure CLI session using a service principal for authentication, allowing the user to interact with Azure resources using the provided credentials.



Specify the Azure subscription to be used for subsequent operations.Verify the details of the selected subscription by running ‘account show’ command.

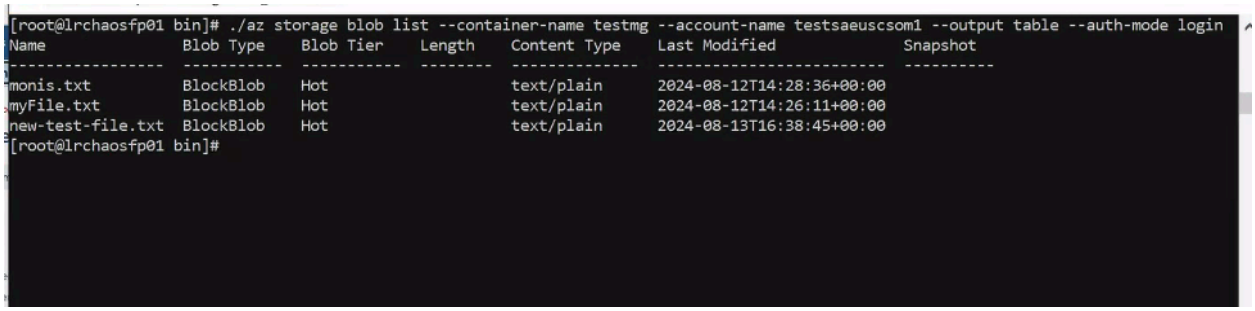
This Azure CLI command is used to list the blobs within a specific container in an Azure Storage account.



This Azure CLI command is used to upload a local file to an Azure Storage Blob container.

```
[root@lrchaosfp01 bin]# ./az storage blob upload --account-name testsaeuscsom1 --container-name testmg --name new-test-file.txt --file
 new-test-file.txt --auth-mode login
{
  "client_request_id": "82389690-5992-11ef-a6f7-0090fa6cdce4",
  "content_md5": "1B2M2Y8AsgTpgAmY7PhCfg==",
  "date": "2024-08-13T16:38:45+00:00",
  "encryption_key_sha256": null,
  "encryption_scope": null,
  "etag": "\"0x8DCBBB66692D5F5\"",
  "lastModified": "2024-08-13T16:38:45+00:00",
  "request_id": "36e7ebc9-301e-00bd-619f-edee01000000",
  "request_server_encrypted": true,
  "version": "2022-11-02",
  "version_id": "2024-08-13T16:38:45.9108853Z"
}
[root@lrchaosfp01 bin]#
```

This Azure CLI command is used to list the blobs within a specific container in an Azure Storage account.The output shows a list of blobs within the specified container.



```
[root@lrchaosfp01 bin]# ./az storage blob list --container-name testmg --account-name testsaeuscsom1 --output table --auth-mode login
Name              Blob Type    Blob Tier    Length    Content Type    Last Modified              Snapshot
----------------  -----------  -----------  --------  --------------  -------------------------  ----------
monis.txt         BlockBlob    Hot                    text/plain      2024-08-12T14:28:36+00:00
myFile.txt        BlockBlob    Hot                    text/plain      2024-08-12T14:26:11+00:00
new-test-file.txt  BlockBlob    Hot                    text/plain      2024-08-13T16:38:45+00:00
[root@lrchaosfp01 bin]#
```