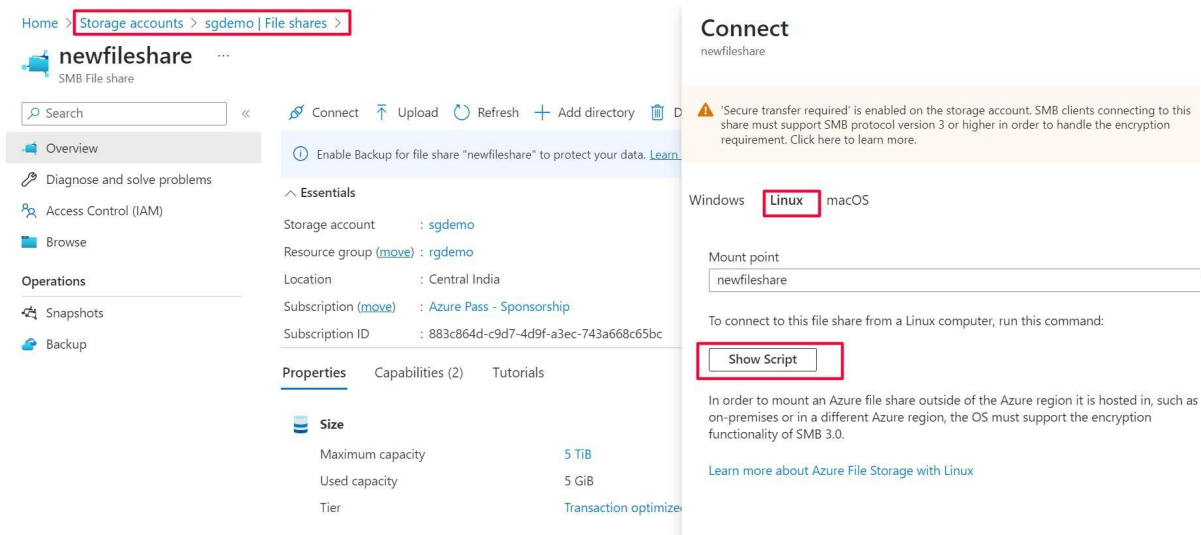


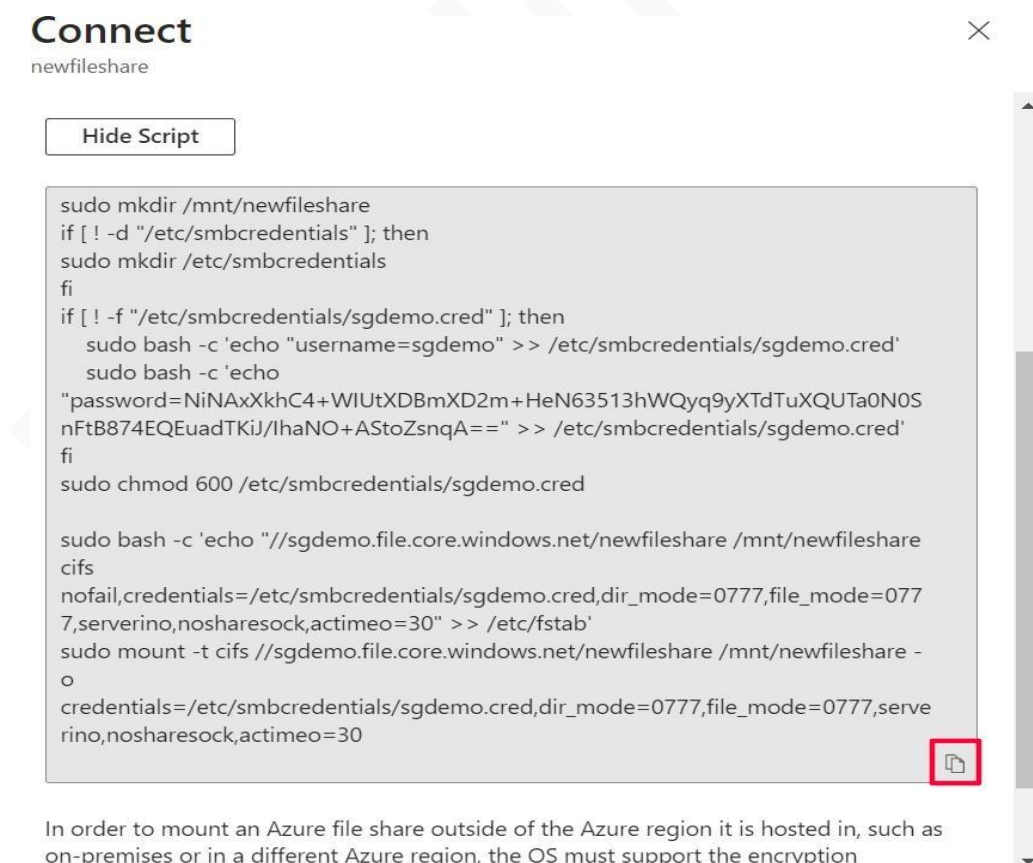


Module 2: Hands-On: File Share with Linux

Step 1: Go to storage and then go to file share after that click on Connect and this time go with Linux



Step 2: Copy the code from the symbol below or just select all and copy



```

sudo mkdir /mnt/newfileshare
if [ ! -d "/etc/smbcredentials" ]; then
sudo mkdir /etc/smbcredentials
fi
if [ ! -f "/etc/smbcredentials/sgdemo.cred" ]; then
sudo bash -c 'echo "username=sgdemo" >> /etc/smbcredentials/sgdemo.cred'
sudo bash -c 'echo
"password=NiNAXXkhC4+WlUtXDBmXD2m+HeN63513hWQyq9yXTdTUxQUta0N0S
nFtB874EEUadTKiJ/IhaNO+AStoZsnqA==" >> /etc/smbcredentials/sgdemo.cred'
fi
sudo chmod 600 /etc/smbcredentials/sgdemo.cred

sudo bash -c 'echo "//sgdemo.file.core.windows.net/newfileshare /mnt/newfileshare
cifs
nofail,credentials=/etc/smbcredentials/sgdemo.cred,dir_mode=0777,file_mode=077
7,serverino,nosharesock,actimeo=30" >> /etc/fstab'
sudo mount -t cifs //sgdemo.file.core.windows.net/newfileshare /mnt/newfileshare -
o
credentials=/etc/smbcredentials/sgdemo.cred,dir_mode=0777,file_mode=0777,serve
rino,nosharesock,actimeo=30
    
```

In order to mount an Azure file share outside of the Azure region it is hosted in, such as on-premises or in a different Azure region, the OS must support the encryption

Step 3: Paste the code in Linux

```
azureuser@linux-VM: ~  
azureuser@linux-VM:~$ sudo mkdir /mnt/newfileshare  
if [ ! -d "/etc/smbcredentials" ]; then  
sudo mkdir /etc/smbcredentials  
fi  
if [ ! -f "/etc/smbcredentials/sgdemo.cred" ]; then  
    sudo bash -c 'echo "username=sgdemo" >> /etc/smbcredentials/sgdemo.cred'  
    sudo bash -c 'echo "password=NiNAXXkhC4+WIUtXDBmXD2m+HeN63513hWQyq9yXTdTUXQU  
Ta0N0SnFtB874EQEuadTKiJ/IhaNO+AStoZsnqA==" >> /etc/smbcredentials/sgdemo.cred'  
fi  
sudo chmod 600 /etc/smbcredentials/sgdemo.cred  
  
sudo bash -c 'echo "//sgdemo.file.core.windows.net/newfileshare /mnt/newfileshare  
e cifs nofail,credentials=/etc/smbcredentials/sgdemo.cred,dir_mode=0777,file_mode  
e=0777,serverino,nosharesock,actimeo=30" >> /etc/fstab'  
sudo mount -t cifs //sgdemo.file.core.windows.net/newfileshare /mnt/newfileshare  
-o credentials=/etc/smbcredentials/sgdemo.cred,dir_mode=0777,file_mode=0777,ser  
verino,nosharesock,actimeo=30  
azureuser@linux-VM:~$ if [ ! -d "/etc/smbcredential  
s" ]; then  
> sudo mkdir /etc/smbcredentials  
> fi  
azureuser@linux-VM:~$ if [ ! -f "/etc/smbcredentials/sgdemo.cred" ]; then  
>     sudo bash -c 'echo "username=sgdemo" >> /etc/smbcredentials/sgdemo.cred'  
>     sudo bash -c 'echo "password=NiNAXXkhC4+WIUtXDBmXD2m+HeN63513hWQyq9yXTdTUX  
OUTa0N0SnFtB874EQEuadTKiJ/IhaNO+AStoZsnqA==" >> /etc/smbcredentials/sgdemo.cred'
```

Step 4: Enter the command mentioned below with your file share name **cd /mnt/**
ls : to list your files uploaded over fileshare

```
azureuser@linux-VM: /mnt/newfileshare  
azureuser@linux-VM:/mnt/newfileshare$ cd /mnt/newfileshare  
azureuser@linux-VM:/mnt/newfileshare$ ls  
Mahadev.jpg  
azureuser@linux-VM:/mnt/newfileshare$
```