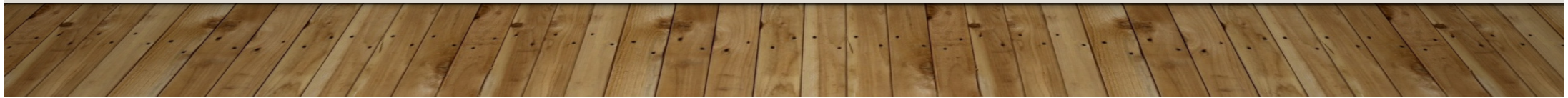


# AZURE VIRTUAL DESKTOP WITH FSLOGIX

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PROJECT BY KRYSTIAN HOFTUN



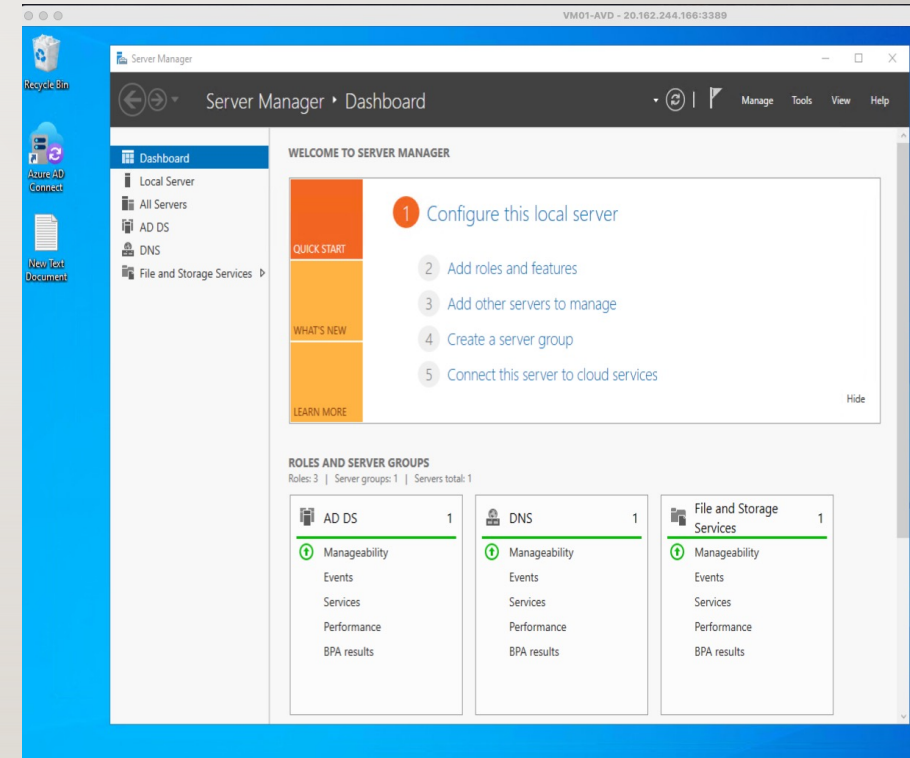
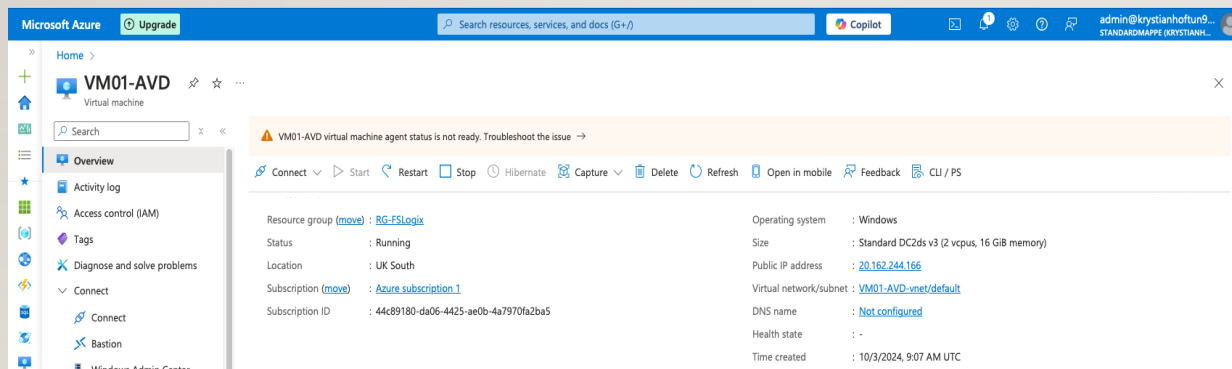
# TABLE OF CONTENTS

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- The presentation is a form of slideshow for documentation going over:
  - Creating a VM and Installing & Configuring ADDS & AD Connect
  - Installing Active Directory Domain Services (ADDS) and AD Connect
  - Creating Users and Security Groups
  - Creating a File Share and Joining the Domain Controller
  - Creating a Virtual Machine for AVD
  - Setting Permissions
  - Installing and Configuring FSLogix

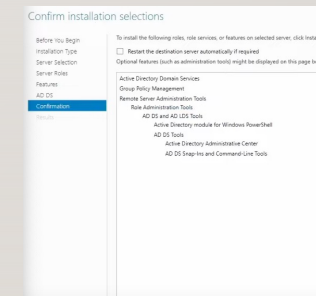
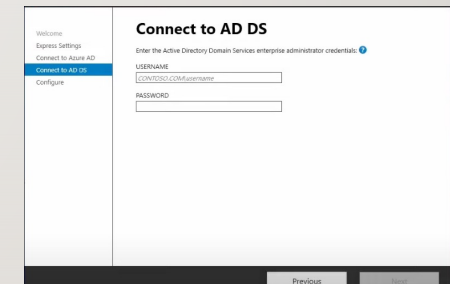
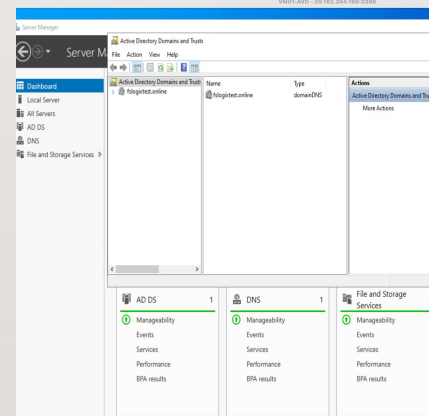
# CREATING A VM AND INSTALLING & CONFIGURING ADDS & AD CONNECT

- Set up a Virtual Machine (VM) and install ADDS and AD Connect to join Azure Entra ID for directory synchronization and authentication.



# INSTALLING ACTIVE DIRECTORY DOMAIN SERVICES (ADDS) AND AD CONNECT

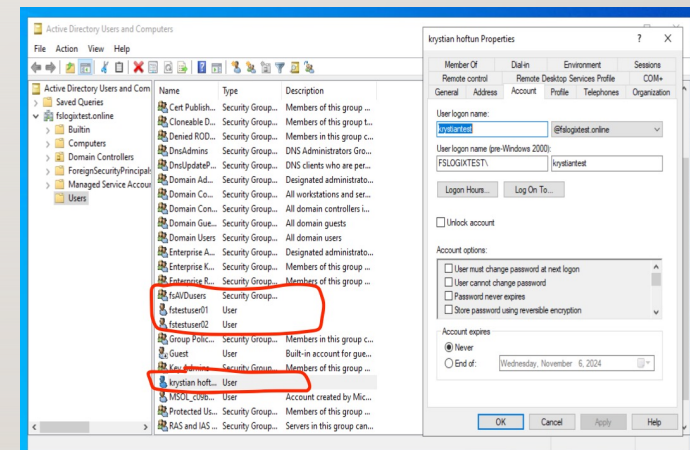
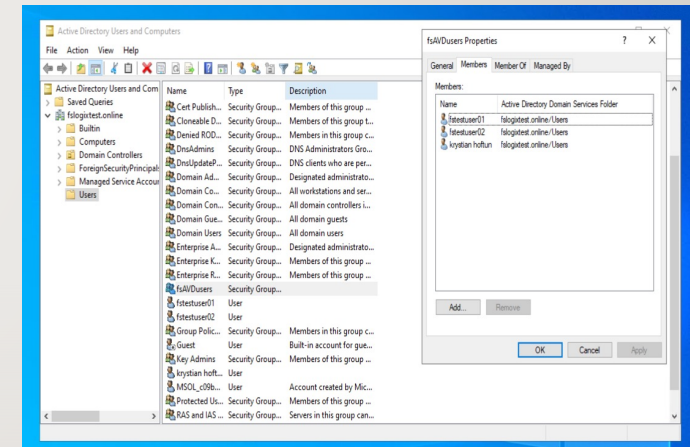
- Setting up ADDS and AD Connect to sync your on-premises directory with Azure AD.



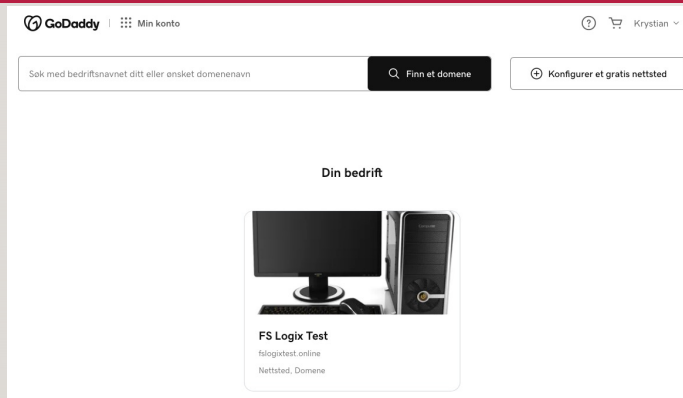


# CREATING USERS AND SECURITY GROUPS

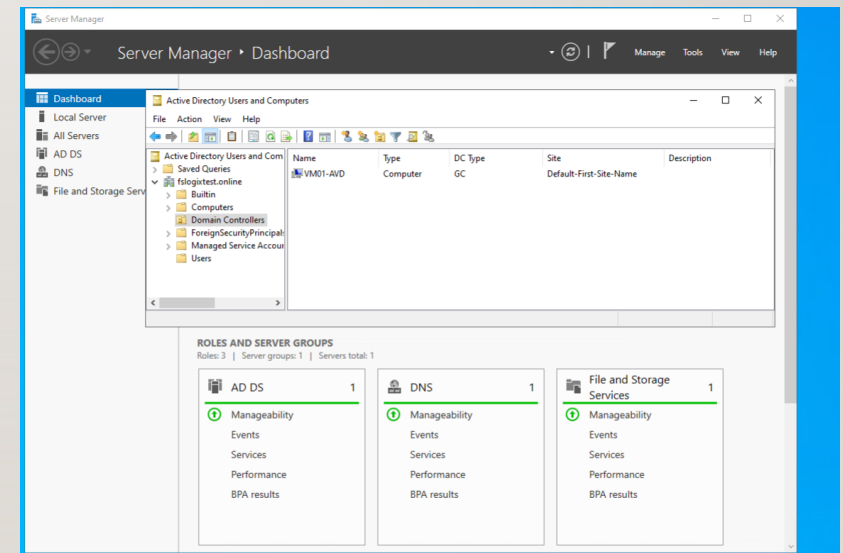
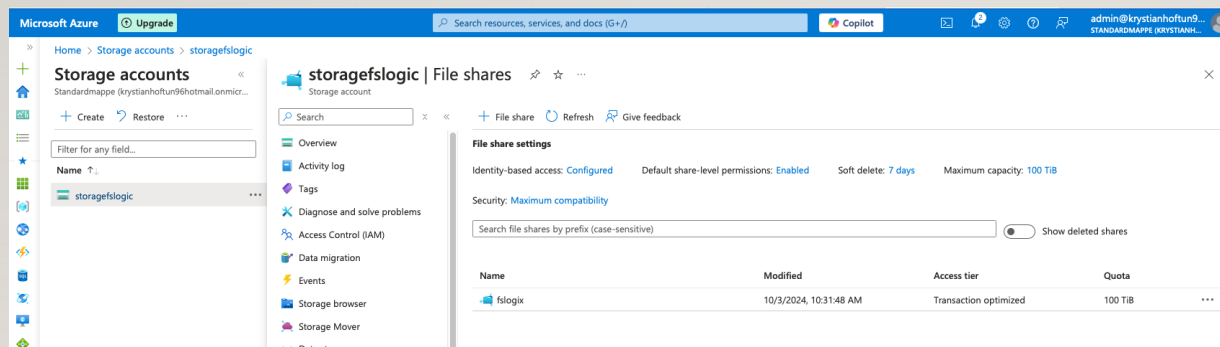
- Create necessary Active Directory users and security groups that will be used for file share access and AVD deployment.



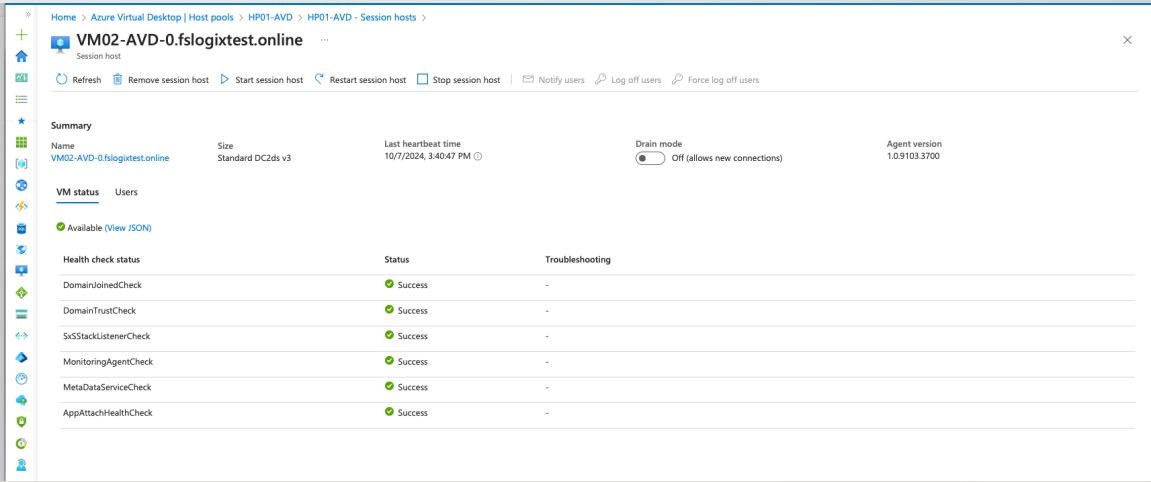
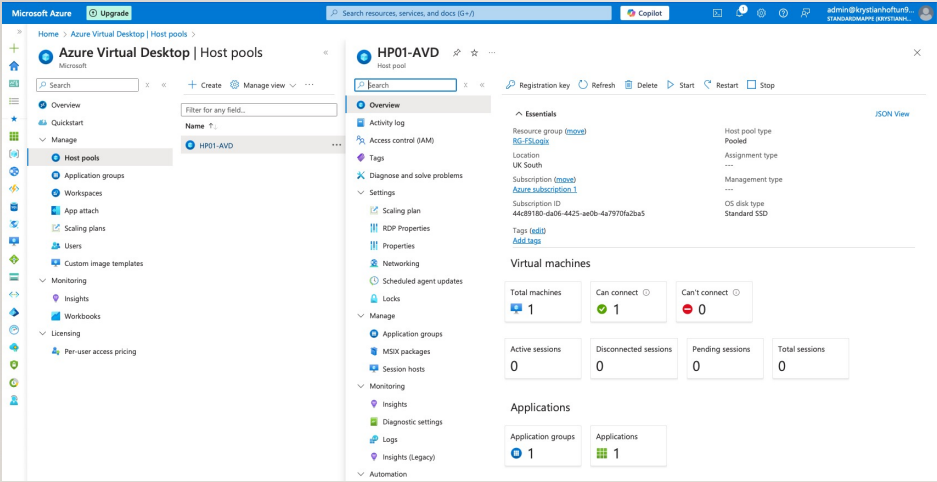
# CREATING A FILE SHARE AND JOINING THE DOMAIN CONTROLLER



- Set up a file share in Azure storage and ensure it is joined to the domain to support FSLogix profile storage.

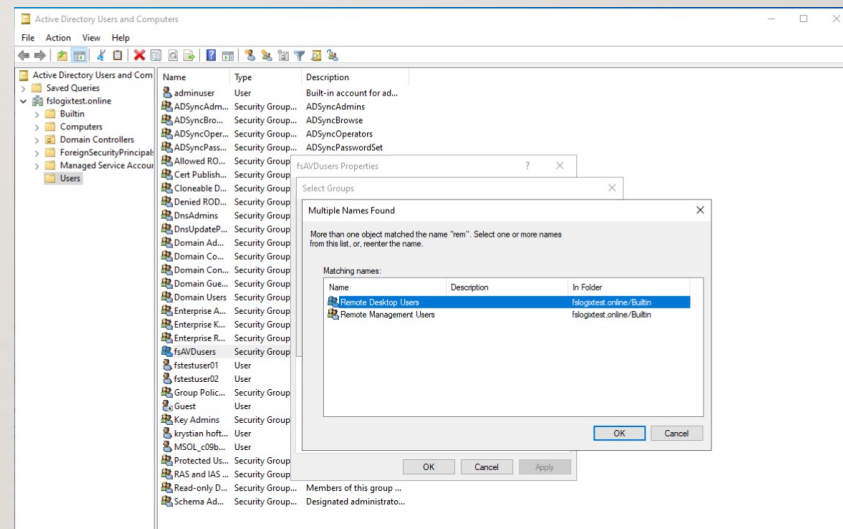
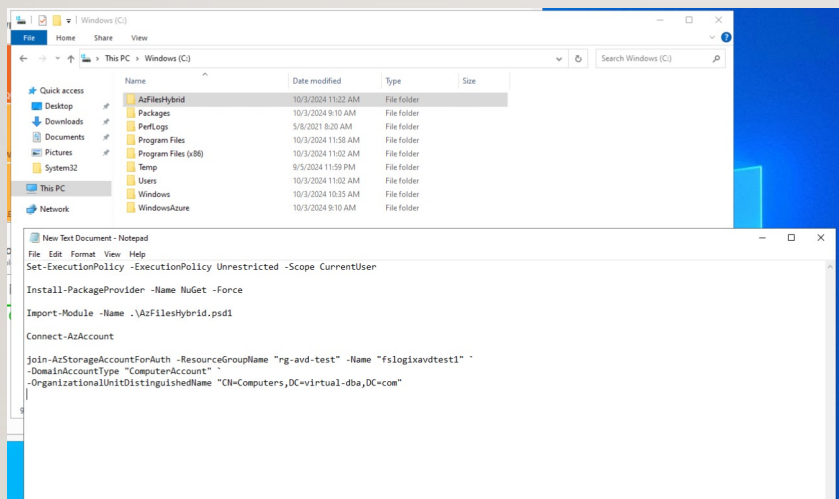


# CREATING A VIRTUAL MACHINE FOR AVD



# SETTING PERMISSIONS

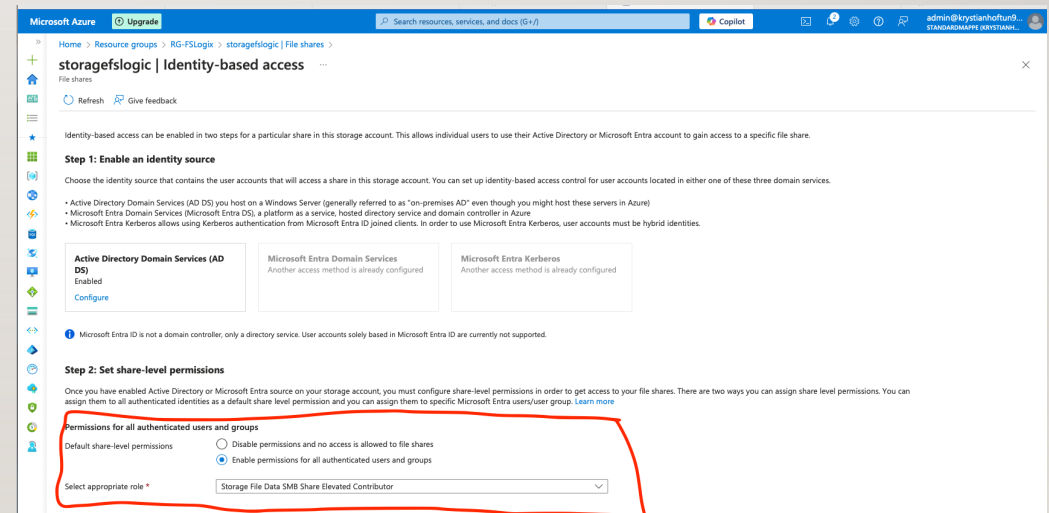
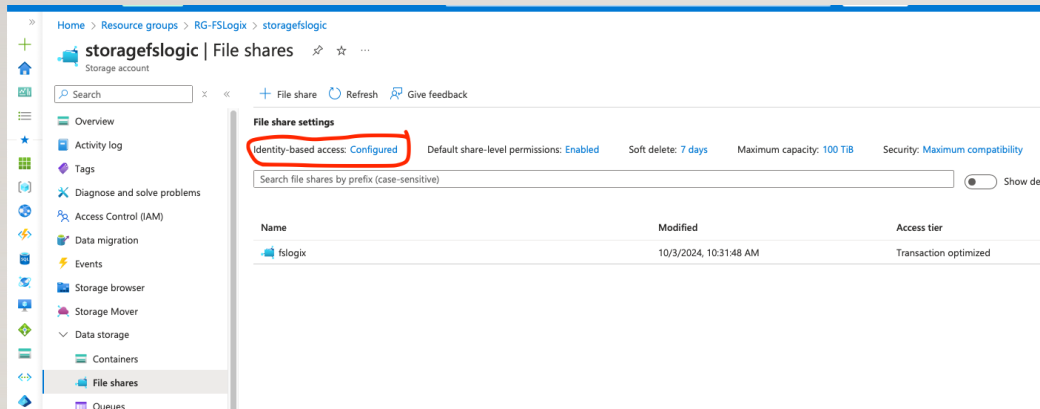
- Set the required NTFS and file share permissions to allow users to access their profiles on the file share





# SETTING PERMISSIONS

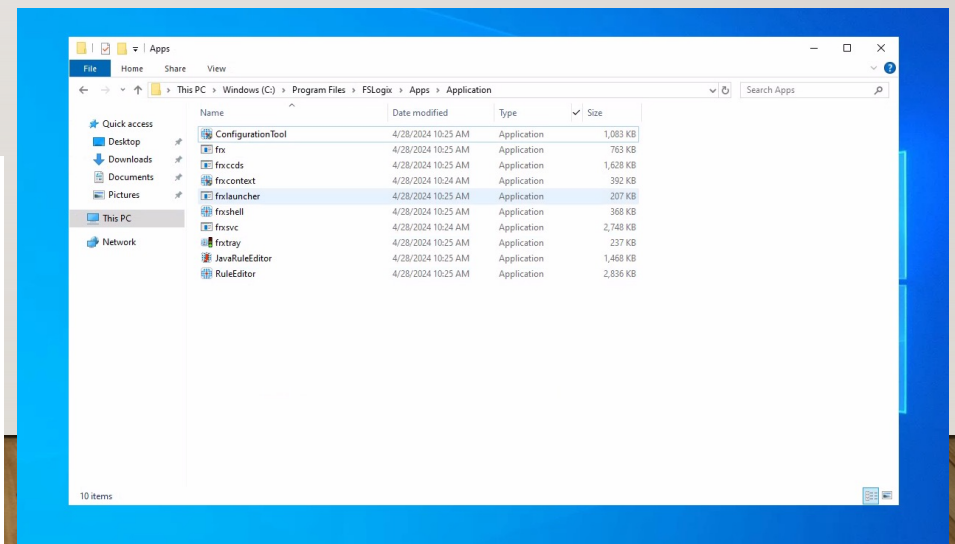
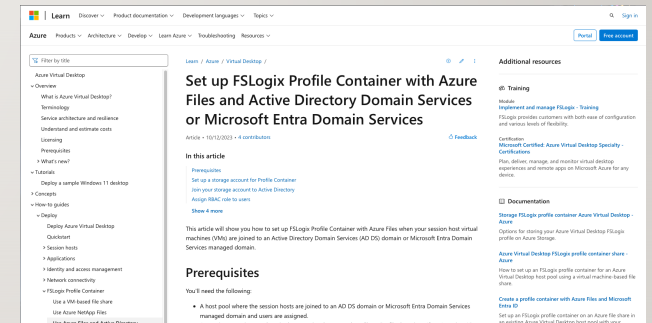
- Set the required NTFS and file share permissions to allow users to access their profiles on the file share



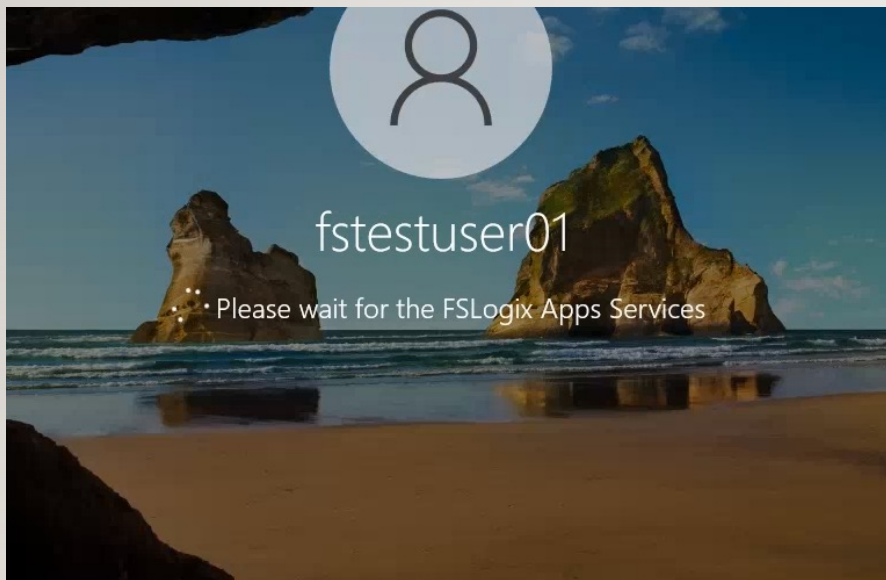
# INSTALLING AND CONFIGURING FSLOGIX

- Install FSLogix and configure it to use Profile Containers for seamless profile management across AVD sessions.

```
18 FS Logix - |
19
20 NTFS :
21 1]
22 net use <desired-drive-letter>: \\<storage-account-name>.file.core.windows.net\<share-name> <storage-account-key> /user:Azure\<storage-account-name>
23
24 2]
25 icacls <mounted-drive-letter>: /grant "<DOMAIN\GroupName>:(M)"
26 icacls <mounted-drive-letter>: /grant "Creator Owner:(OI)(CI)(IO)(M)"
27 icacls <mounted-drive-letter>: /remove "Authenticated Users"
28 icacls <mounted-drive-letter>: /remove "Builtin\Users"
29
30
31
32 Profile container permissions -
33
34 $regPath = "HKLM:\SOFTWARE\FSLogix\profiles"
35 New-ItemProperty -Path $regPath -Name Enabled -PropertyType DWORD -Value 1 -Force
36 New-ItemProperty -Path $regPath -Name VHDLocations -PropertyType MultiString -Value \\<storage-account-name>.file.core.windows.net\<share-name> -Force
37
```



# RESULT



Microsoft Azure Upgrade Search resources, services, and docs (G+/)

Home > Resource groups > RG-FSLogix > storagefslogic | File shares > fslogix

### fslogix | Browse

SMB File share

Search

Connect Upload Add directory Refresh Delete share Change tier Edit quota Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)

Search files by prefix

Name	Type
S-1-5-21-3060187922-2031243987-2366214332-1109_krystiantest	Directory
S-1-5-21-3060187922-2031243987-2366214332-1110_fstestuser01	Directory

Overview  
Diagnose and solve problems  
Access Control (IAM)  
Browse  
Operations  
Snapshots  
Backup