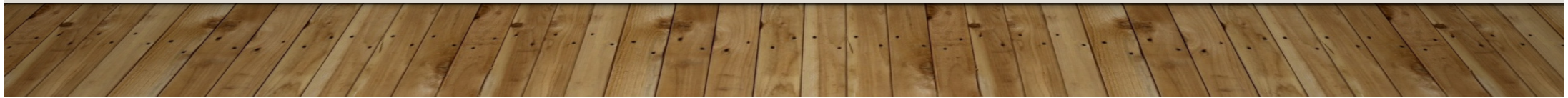# AZURE VIRTUAL DESKTOP WITH FSLOGIX

PROJECT BY KRYSTIAN HOFTUN

TABLE OF CONTENTS

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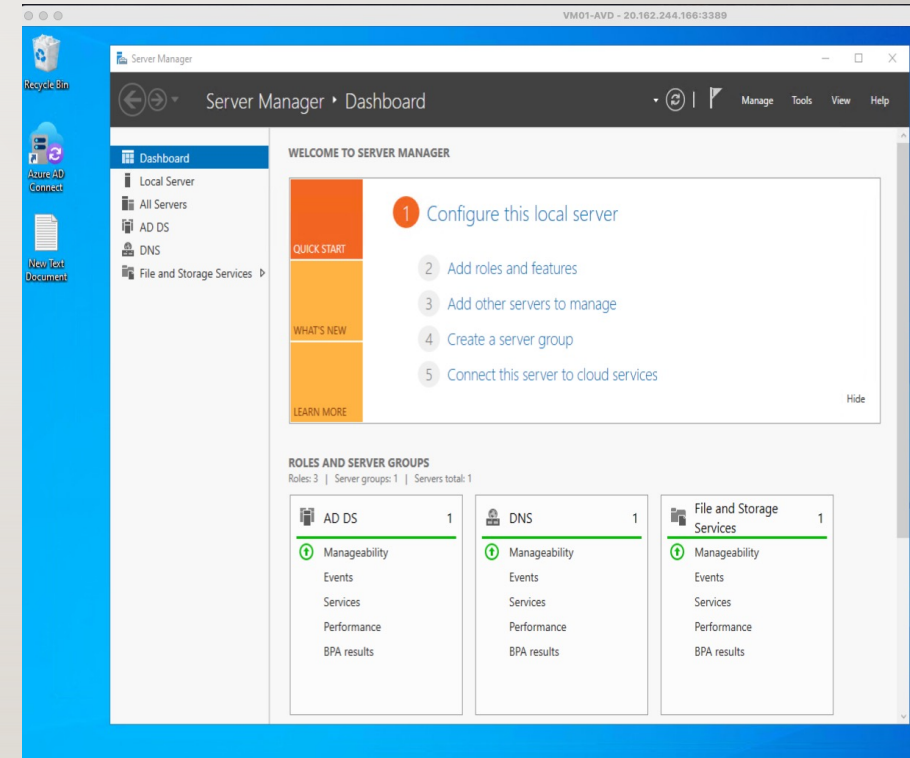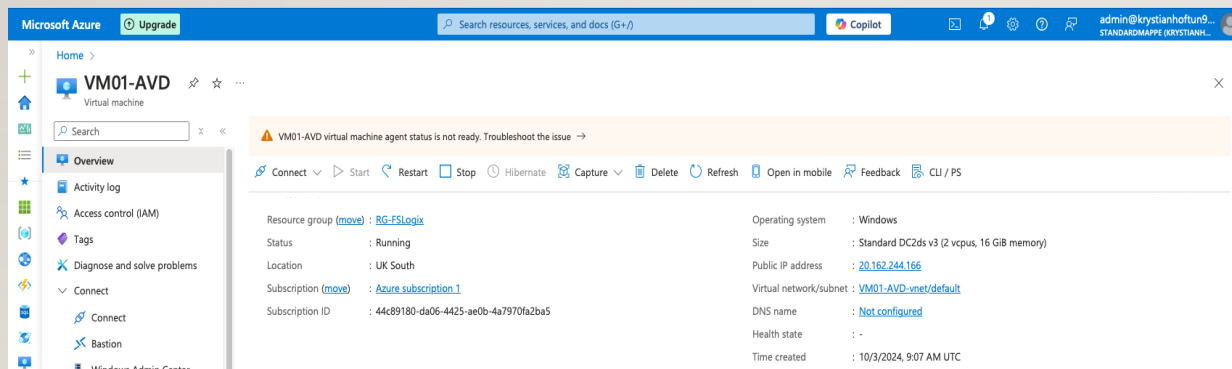
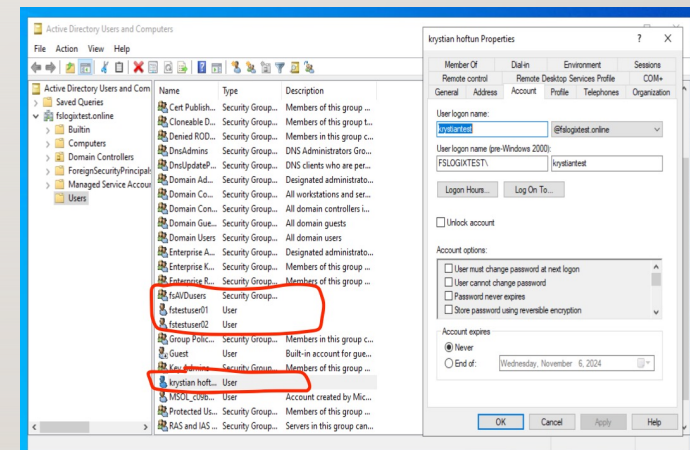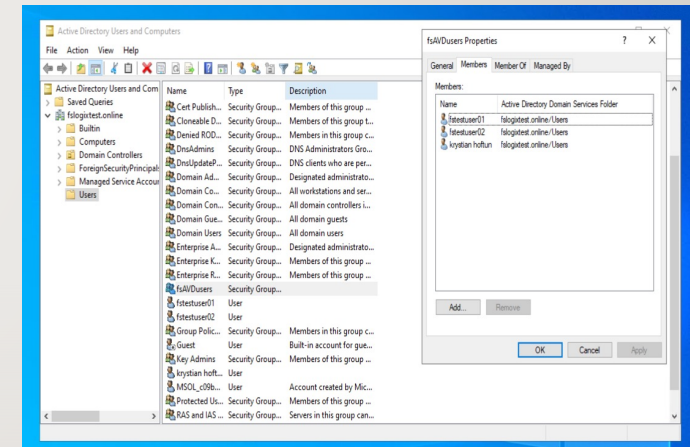# INSTALLING ACTIVE DIRECTORY DOMAIN SERVICES (ADDS) AND AD CONNECT

- Setting up ADDS and AD Connect to sync your on-premises directory with Azure AD.
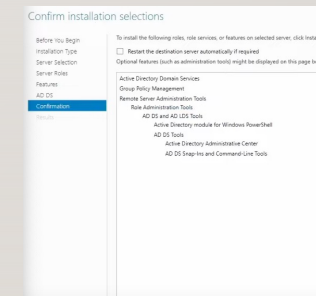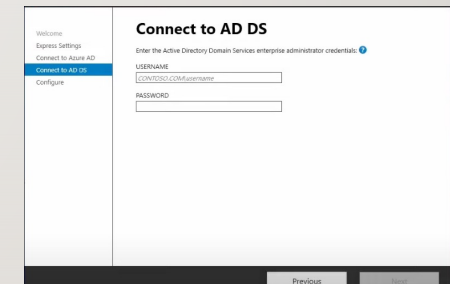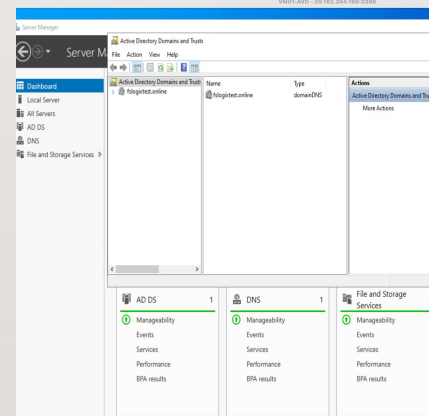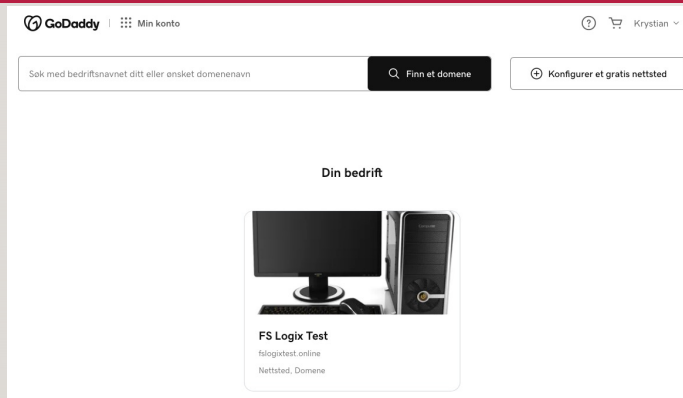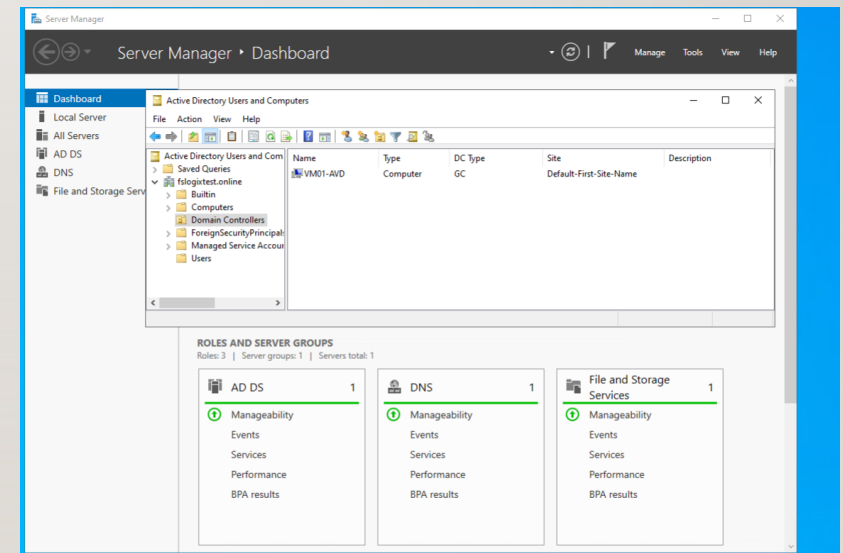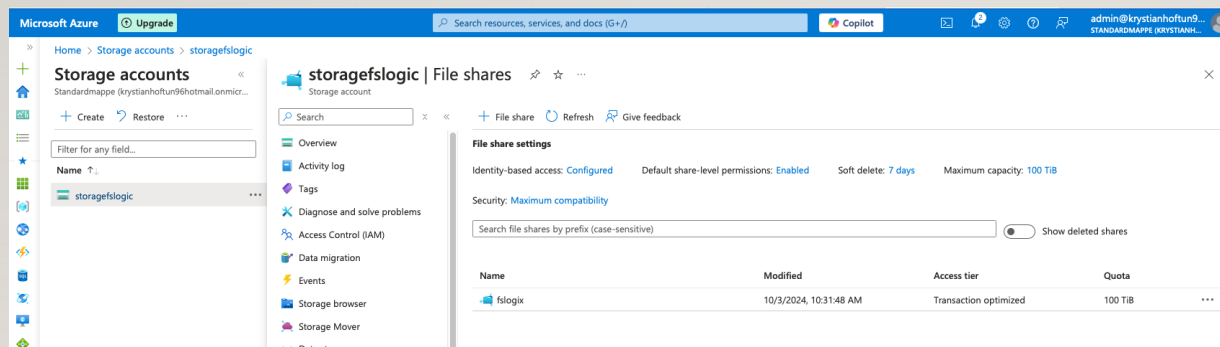
CREATING USERS AND SECURITY GROUPS

- Create necessary Active Directory users and security groups that will be used for file share access and AVD deployment.
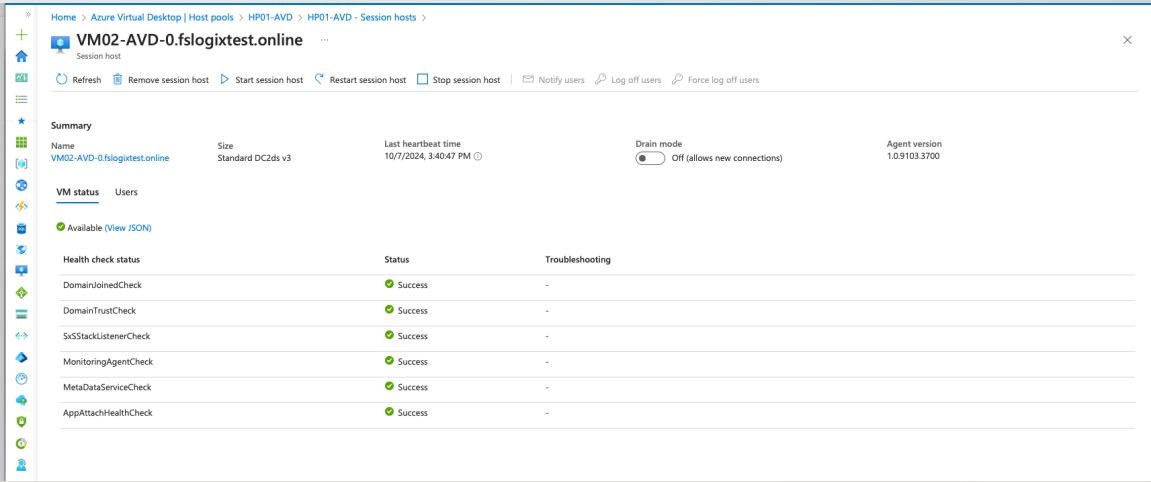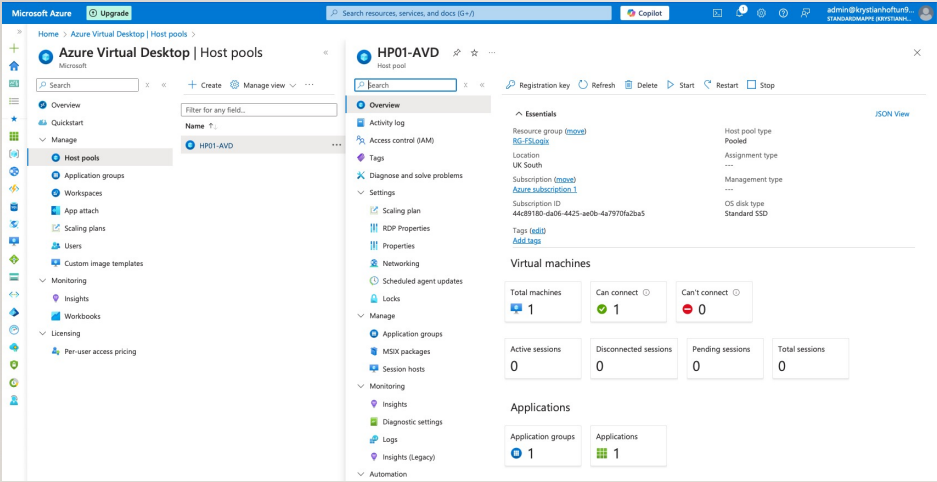
CREATING A FILE SHARE AND JOINING THE DOMAIN CONTROLLER

- Set up a file share in Azure storage and ensure it is joined to the domain to support FSLogix profile storage.
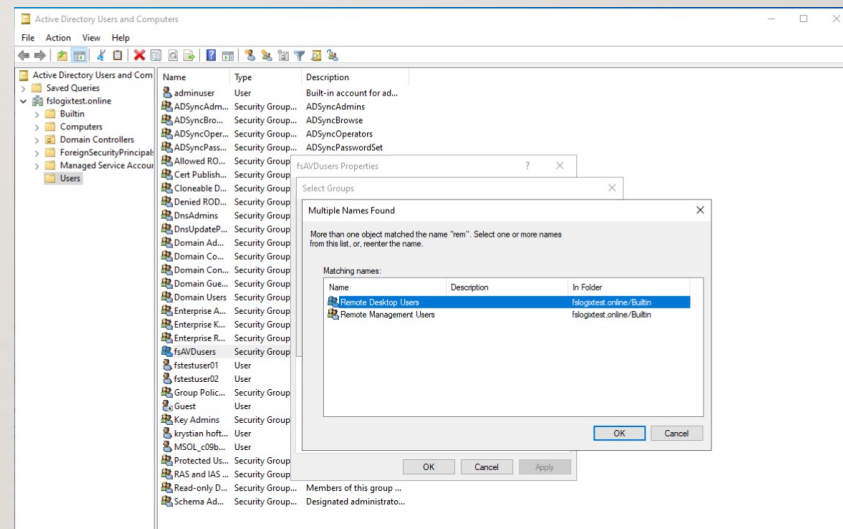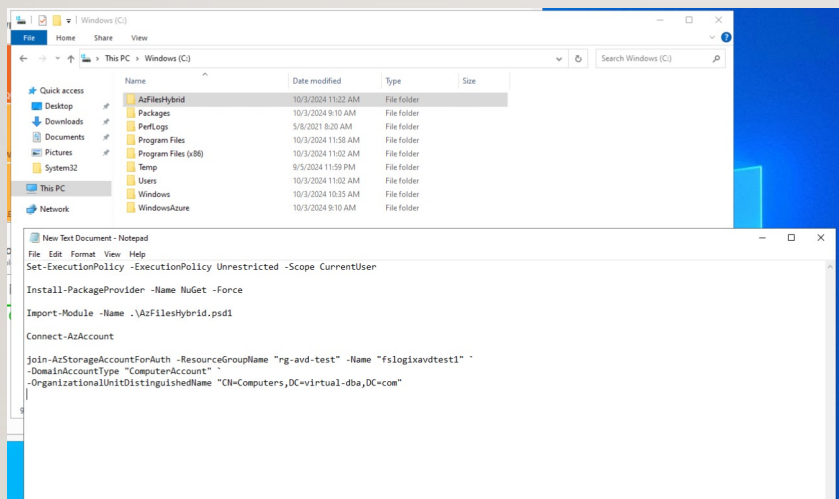
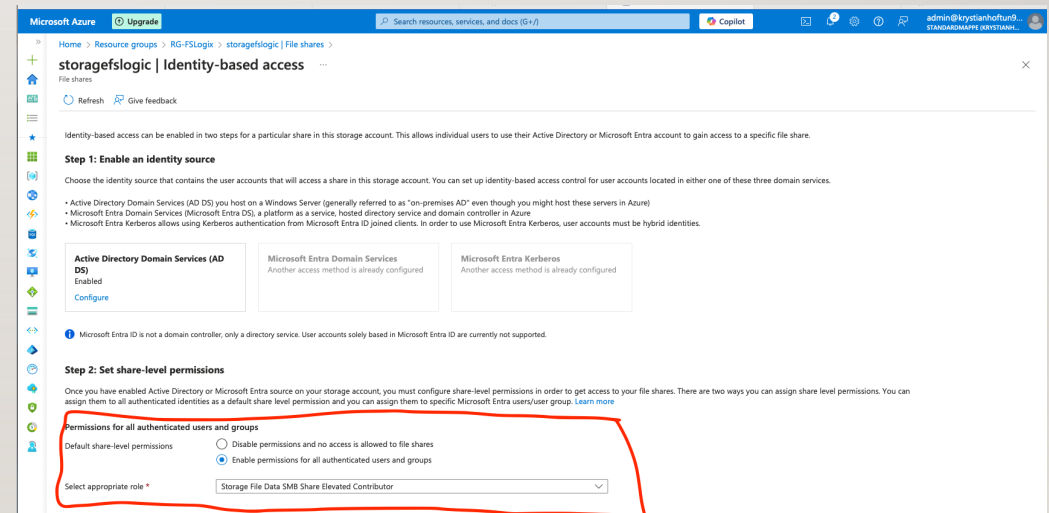# CREATING A VIRTUAL MACHINE FOR AVD
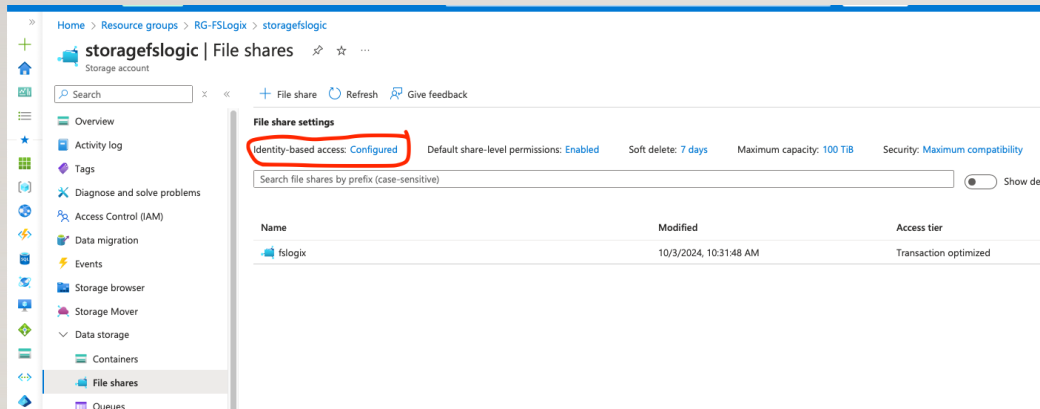
SETTING PERMISSIONS

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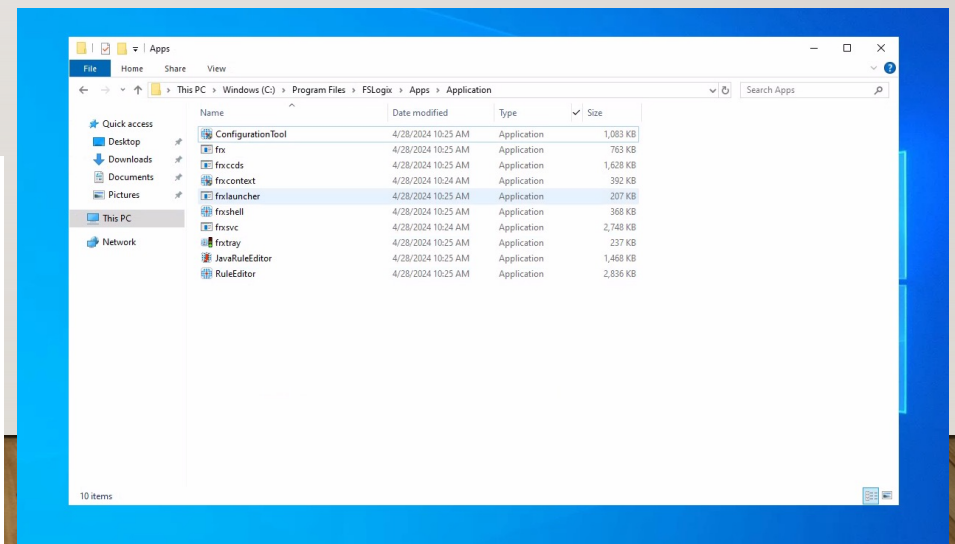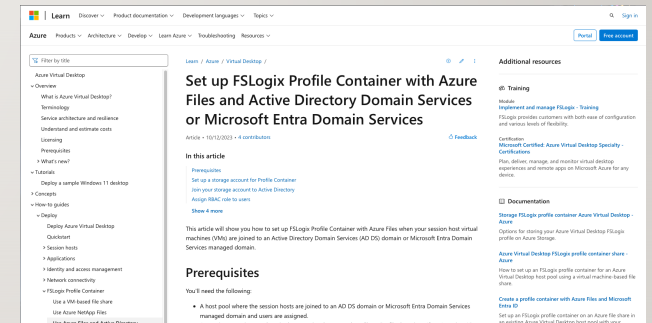
SETTING PERMISSIONS

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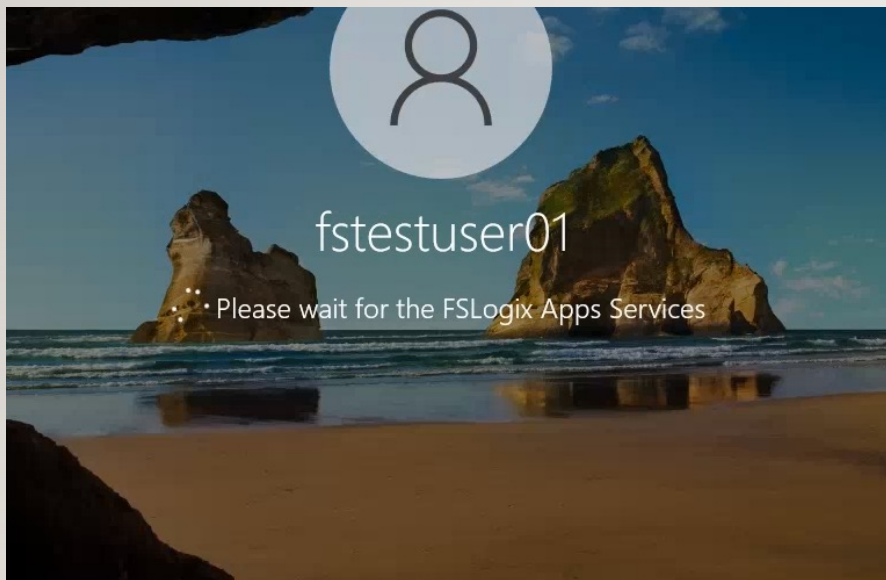
INSTALLING AND CONFIGURING FSLOGIX

- 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