**Azure File Sync - Lab**

Scenario - to sync data between two locations Central India & US East

Create RG & VMs

* Create a Resource Group 'AFS-RG-India-<Your Name>' - Location - Central India

Create a VM (DS2V2) + 128GB HDD in the same region

* Login to the VM - Initialize, format and give a drive letter to the 128GB HDD
* Create a Folder 'IndiaShare'

* Create a Resource Group 'AFS-RG-US-<Your Name>' - Location - US East

Create a VM (DS2V2) + 128GB HDD in the same region

* Login to the VM - Initialize, format and give a drive letter to the 128GB HDD
* Create a Folder 'USShare'

Create Azure File Sync Service

* Login to Azure Portal
* Create Azure File Sync Service in 'AFS-RG-India-<Your Name>' RG

Create Storage Account & a File share

* Login to Azure Portal
* Go Resource Group created in Central India region
* Create a Storage Account
* Create a 100GB File share

Install - Azure Fie Sync Agent on both the VMs

* Login to VM
* Use Link - <https://www.microsoft.com/en-us/download/details.aspx?id=57159> to download Azure File Sync agent in the VM in Azure

Prepare Windows Server to use with Azure File Sync

* Open **Server Manager**.
* Click **Local Server**:
* On the **Properties** subpane, select the link for **IE Enhanced Security Configuration**.
* In the **Internet Explorer Enhanced Security Configuration** dialog box, select **Off** for **Administrators** and **Users**:
* Select the right Azure File Sync Agent and Complete the installation
* Post Installation - Complete the Configuration
  + Sign in to Azure - Provide your Azure Credentials
  + Provide Correct - Azure Subscription, Resource Group & Storage Sync Service and complete Registration

Create a Sync Group and a cloud end point

* Go to Azure Portal.
* Open Azure File Sync Service
* Create Sync Group
  + Add Cloud Endpoint (Name of the FileShare create in the Central India Storage Account)
  + Add Server end points
    - Registered Server - Select server from the drop down menu
    - Path - Give the path folder create in the 128GB drive
* Post sync - data from India VM will be seen in the US VM

To backup data moved to Azure using Azure File Sync

Create a Backup and Recovery service

Select Backup - Azure - Storage Account - Select File Share