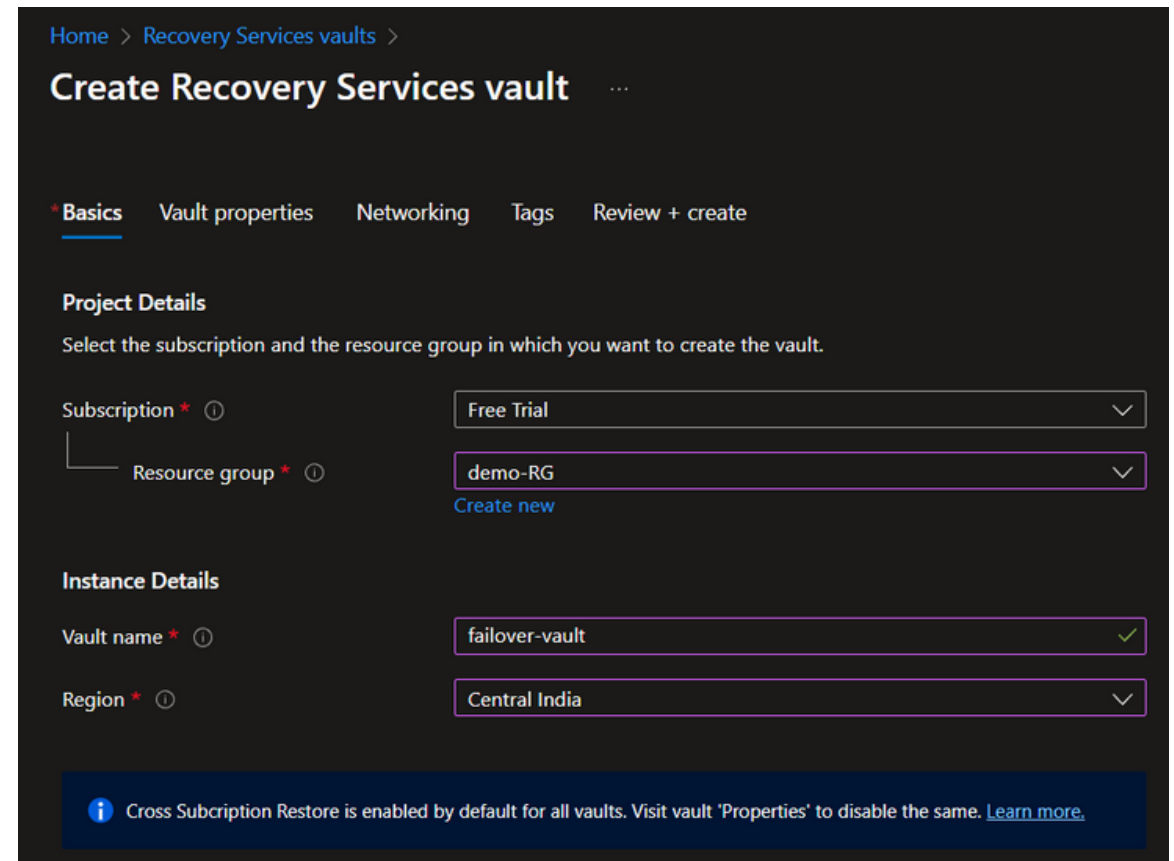


Azure Backup Using MARS Agent

For using azure backup agent we must first create a Azure recovery service vault

- Go to Azure portal and search for 'recovery service vault'
- Then create, in basics tab enter the relevant details



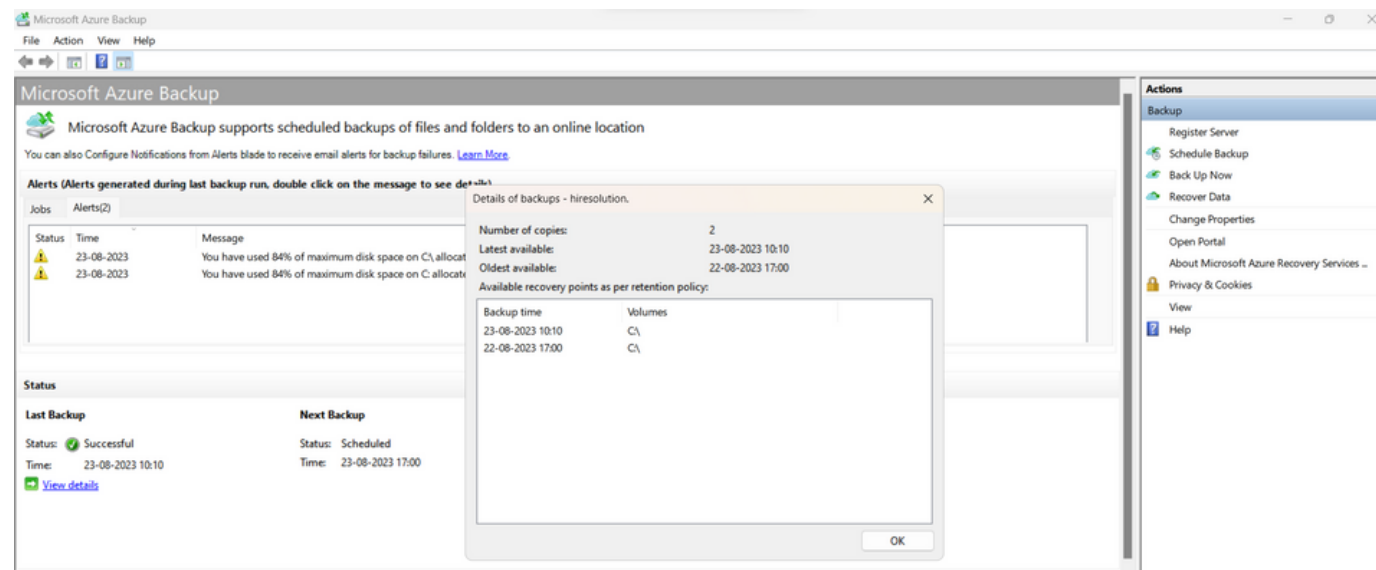
The screenshot shows the 'Create Recovery Services vault' page in the Azure portal. The breadcrumb navigation at the top reads 'Home > Recovery Services vaults >'. The main heading is 'Create Recovery Services vault' with a three-dot menu icon to its right. Below the heading are five tabs: 'Basics' (which is selected and underlined), 'Vault properties', 'Networking', 'Tags', and 'Review + create'. The 'Project Details' section is active, with the instruction 'Select the subscription and the resource group in which you want to create the vault.' Below this, there are two dropdown menus: 'Subscription' with 'Free Trial' selected, and 'Resource group' with 'demo-RG' selected. A 'Create new' link is visible below the resource group dropdown. The 'Instance Details' section follows, with two dropdown menus: 'Vault name' with 'failover-vault' selected and a green checkmark icon, and 'Region' with 'Central India' selected. At the bottom, a blue information banner states: 'Cross Subscription Restore is enabled by default for all vaults. Visit vault 'Properties' to disable the same. [Learn more.](#)'

- In vault properties tab, enable immutability if required (Immutability, if enabled here, will be reversible and can be disabled using the vault's properties after its creation. You can further choose to lock it and make it irreversible, also through the vault's property
- In networking tab, select any method to access the vault.
for now we are selecting to allow access from any network for testing purposes, but if we deny public access and allow only private access ,then we must define a service endpoint
- Then select , create+review
- After creation, go to the resource and select backup and enter the following details

where is your workload running : on-Premise

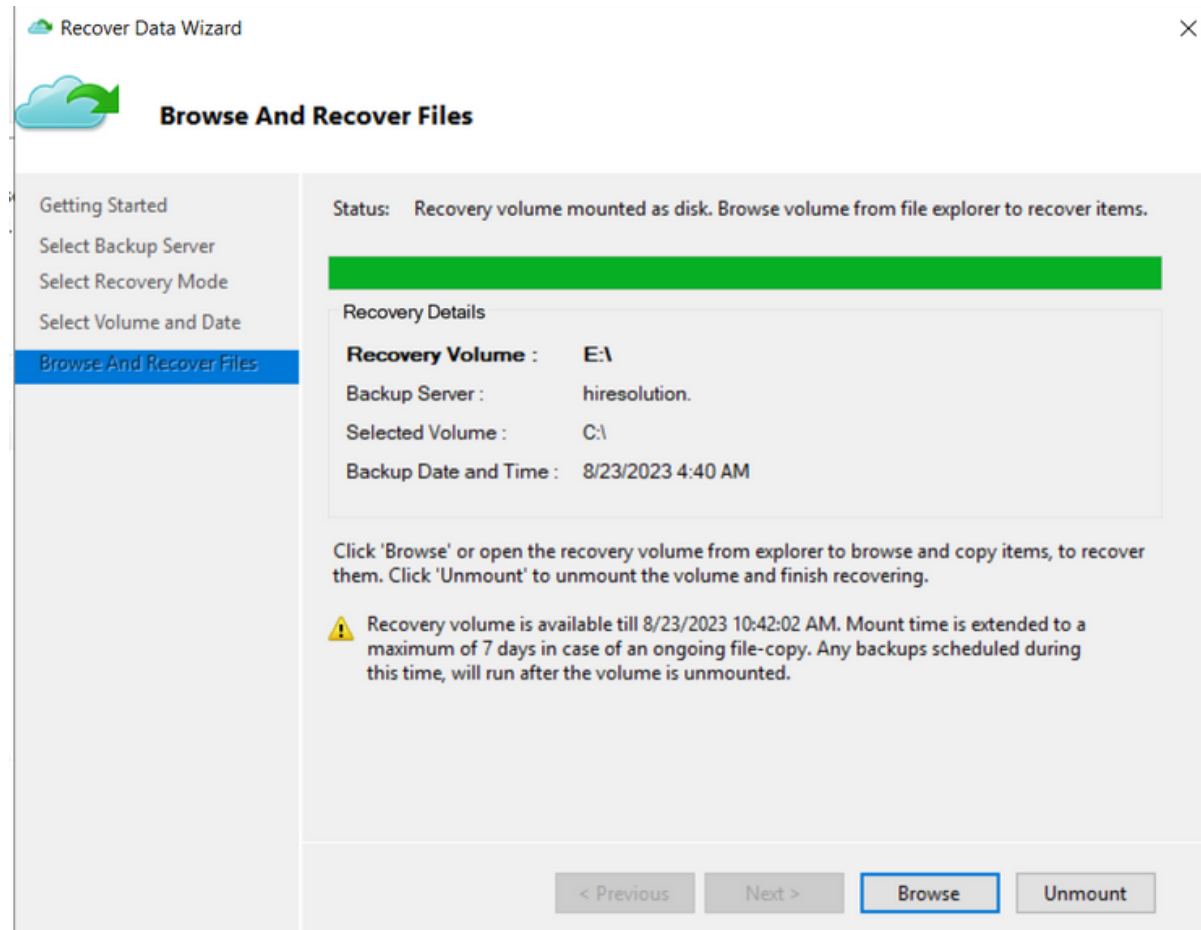
what do you want to backup : Files and Folders

- Prepare infrastructure then download MARS agent and latest recovery vault credentials
- Launch MARS agent and register a server using the recovery vault credentials
- Generate passphrase and select an appropriate location
- After generating a server successfully, schedule a backup and select any file or folder

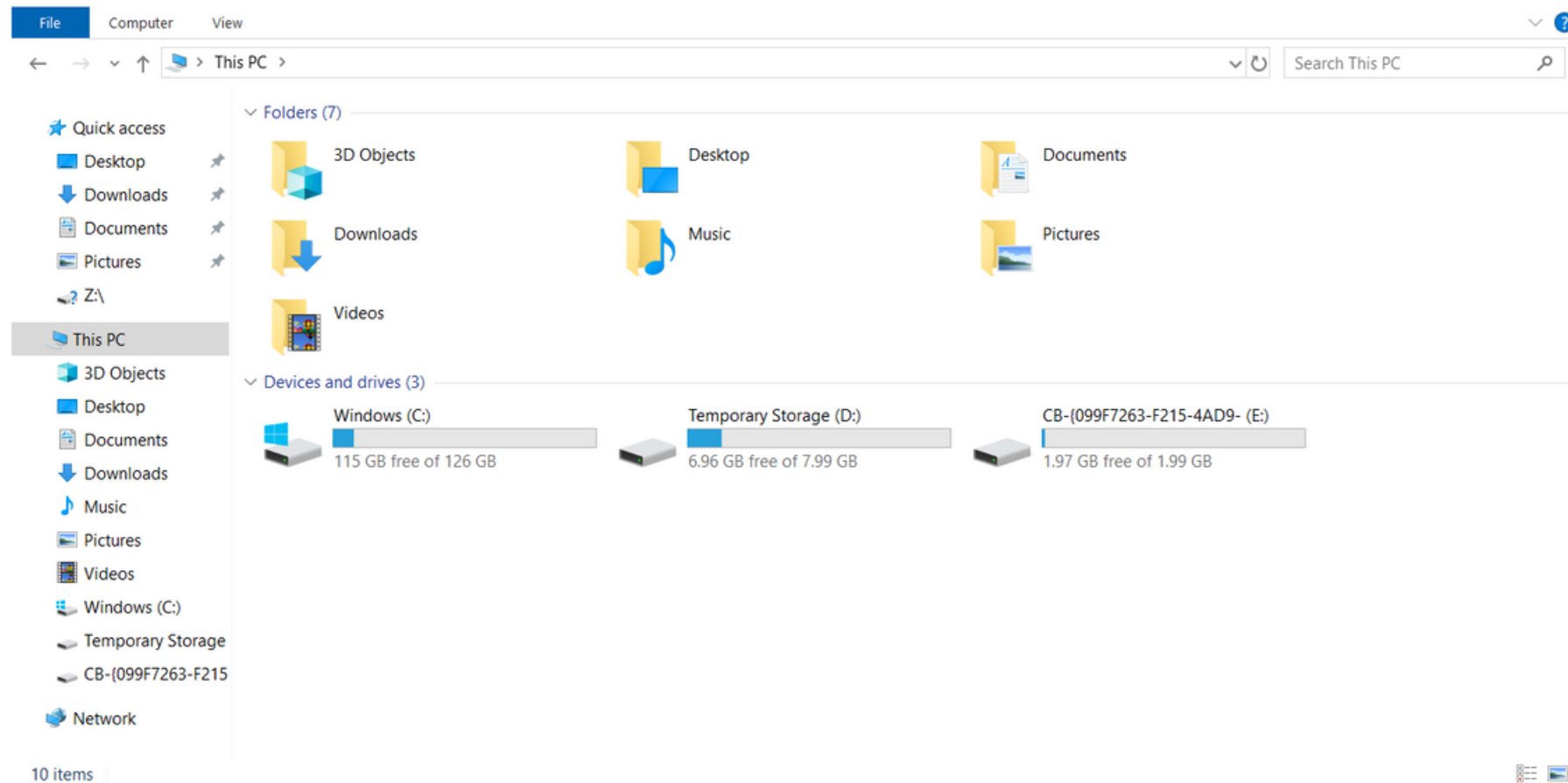


- Now create a virtual machine in Azure
- Connect RDP and download MARS agent from internet and register server using the downloaded credentials and passphrase in the local device
- Download MARS agent from the below link -
<https://learn.microsoft.com/en-us/azure/backup/install-mars-agent>
- In actions, select recover data
- Select another server and enter the required credentials
- Select the file or folder that needs to be recovered

- now select the drive and click on mount. After successful completion the following dialogue will appear



- When we go to file explorer in the virtual machine we can find a drive successfully attached and the backup data is recovered



- The health and errors diagnostics can be checked eventually directly on Azure Portal

Home > Recovery Services vaults > failover-vault | Backup items >

Backup Items (Azure Backup Agent) ...

failover-vault

[Refresh](#) [+ Add](#) [Filter](#)

✓ All data fetched from the service.

Filter items ...

Backup item ↑↓	Protected server ↑↓	Last backup	Last backup time ↑↓	Details
C:\	hiresolution.	✓ Success	8/23/2023, 10:10:03 AM	View details ...

< Previous Page 1 of 1 Next >

Home > Recovery Services vaults > failover-vault | Backup items > Backup Items (Azure Backup Agent) >

C:\ on hiresolution. ...

Backup Item

^ Essentials

Recovery services vault : [failover-vault](#) Last backup status : ✓ Success

Computer name : [hiresolution.](#) Last refreshed at : 8/23/2023, 10:24:09 AM

Item Type : File-Folders

Monitoring

Recovery points	
Latest	8/23/2023, 10:10:03 AM
Oldest	8/22/2023, 5:00:36 PM
Total	2