

File Share Backup/Recovery

In order to be able to create Backup/Recovery service there must be already created **Storage Account** and **File Share**.

1. Creating Recovery Service Vault.

If you have Storage Account and File share, then go to the search bar and type in: **Recovery Service Vault**, as as per Figure 1.1

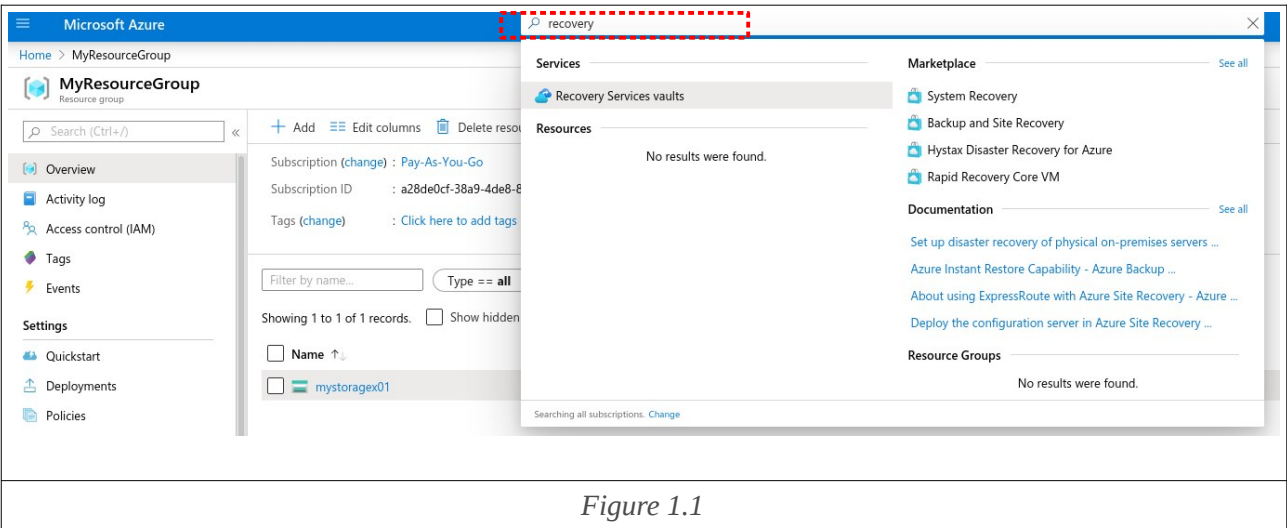


Figure 1.1

Click **Add** button in order to add a new Recovery Service Vault, as per Figure 1.2

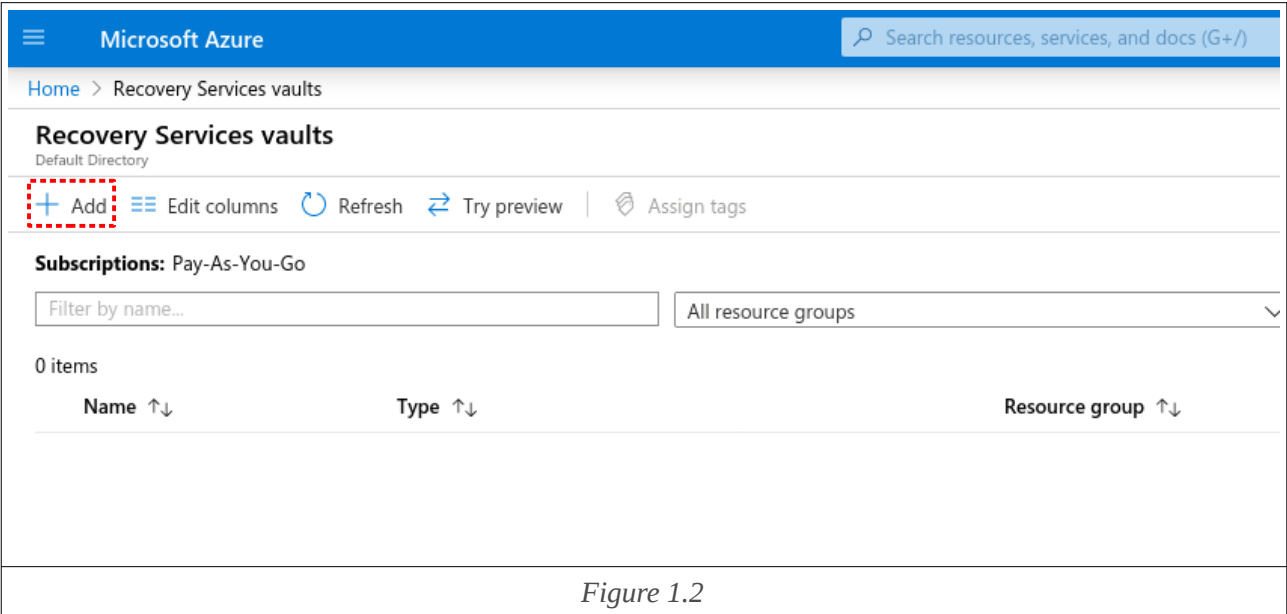


Figure 1.2

IMPORTANT: Your Storage Account and Recovery Service Vault **must be** in the same Region. Choose existing **Resource Group** or create a new one, next type in **Vault name**, choose **Region** and press **Review+Create** button, as per Figure 1.3

The screenshot shows the 'Create Recovery Services vault' page in the Microsoft Azure portal. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, there is a breadcrumb trail: Home > Recovery Services vaults > Create Recovery Services vault. The main heading is 'Create Recovery Services vault' with a 'Preview' link. The page is divided into three tabs: 'Basics *', 'Tags', and 'Review + create'. The 'Basics *' tab is selected. Under 'Project Details', there is a instruction: 'Select the subscription and the resource group in which you want to create the vault.' There are two dropdown menus: 'Subscription *' with 'Pay-As-You-Go' selected, and 'Resource group *' with 'MyResourceGroup' selected. A 'Create new' link is visible below the 'Resource group' dropdown. Under 'Instance Details', there are two more dropdown menus: 'Vault name *' with 'MyRecoveryVault' selected and a green checkmark, and 'Region *' with '(US) East US 2' selected. At the bottom, there are two buttons: 'Review + create' (highlighted with a red dashed box) and 'Next: Tags'.

Microsoft Azure

Search resources, services,

Home > Recovery Services vaults > Create Recovery Services vault

Create Recovery Services vault

Preview

Basics * Tags Review + create

Project Details

Select the subscription and the resource group in which you want to create the vault.

Subscription * ⓘ Pay-As-You-Go

Resource group * ⓘ MyResourceGroup
[Create new](#)

Instance Details

Vault name * ⓘ MyRecoveryVault ✓

Region * ⓘ (US) East US 2

Review + create Next: Tags

Figure 1.3

2. Creating a backup job.

Once the Recovery Service Vault is created, click on [Backup](#) button in order to create a backup job, as per Figure 2.1

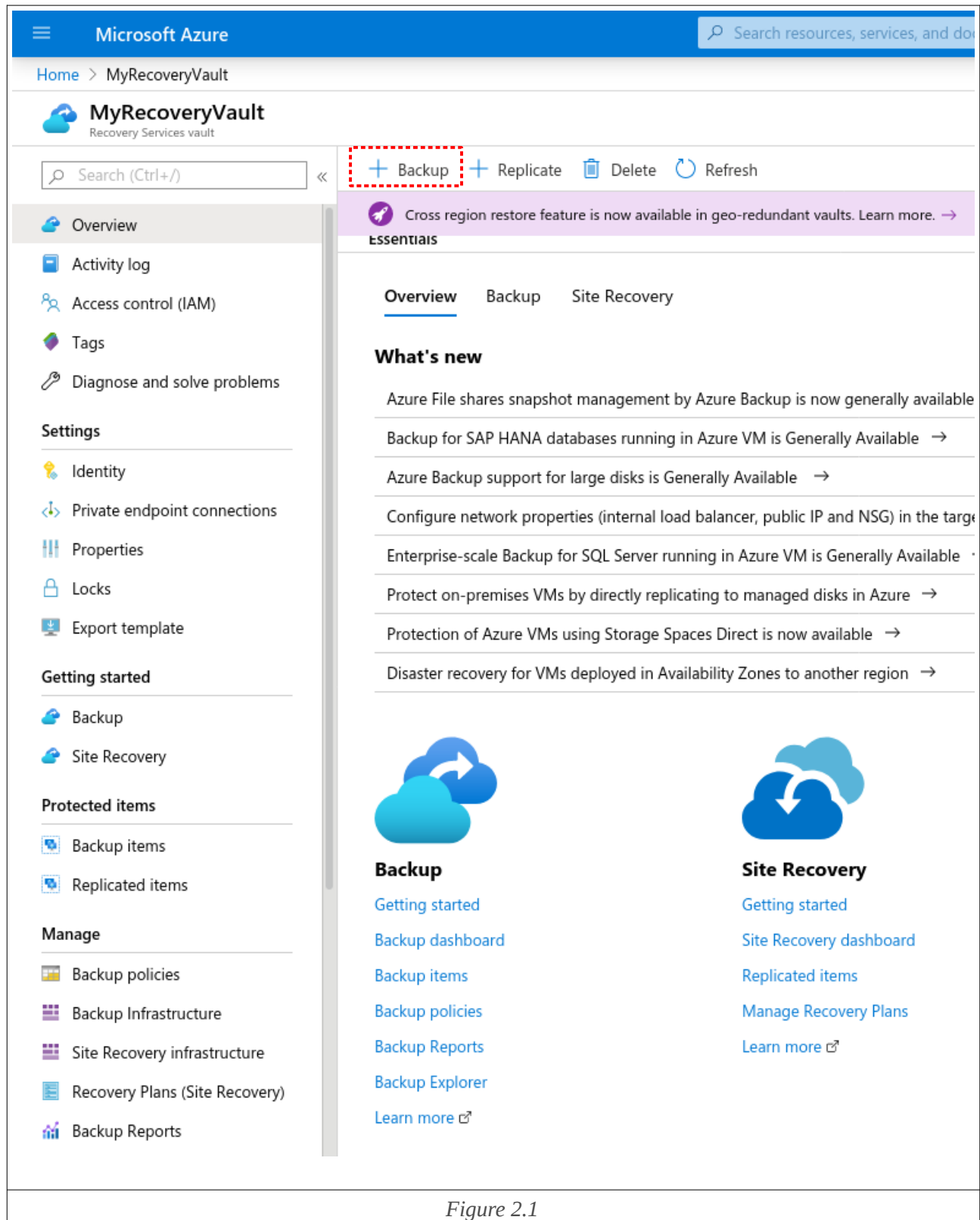


Figure 2.1

From the drop down lists choose [Azure](#) and [Azure FileShare](#) and click [Backup](#) button, Figure 2.2

Microsoft Azure

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Home > Microsoft.RecoveryServicesV2 | Overview > MyRecoveryVault > Backup Goal

Backup Goal

Warning: The storage replication is set to Geo-redundant. This option cannot be changed later. Before proceeding further, click here. →

Where is your workload running?

Azure

What do you want to backup?

Azure FileShare

Step: Configure Backup

Backup

Figure 2.2

On the the next screen click Select and choose your Storage Account, that contains a File Share which you want to back up, as per Figure 2.4 Be patient, as it may take some time.

Microsoft Azure

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Home > Microsoft.RecoveryServicesV2 | Overview > MyRecoveryVault > Backup Goal > Backup

Backup

MyRecoveryVault

Storage Account

No Storage Account Selected

Select

FileShares to Backup

Name	Azure File Share Type
No File Shares Selected	

Add

Backup Policy

(new) DailyPolicy

Create a new policy

BACKUP FREQUENCY

Daily at 11:00 UTC

RETENTION RANGE

Retention of daily backup point

Retain backup taken every day at 11:00 for 30 Day(s)

Figure 2.3

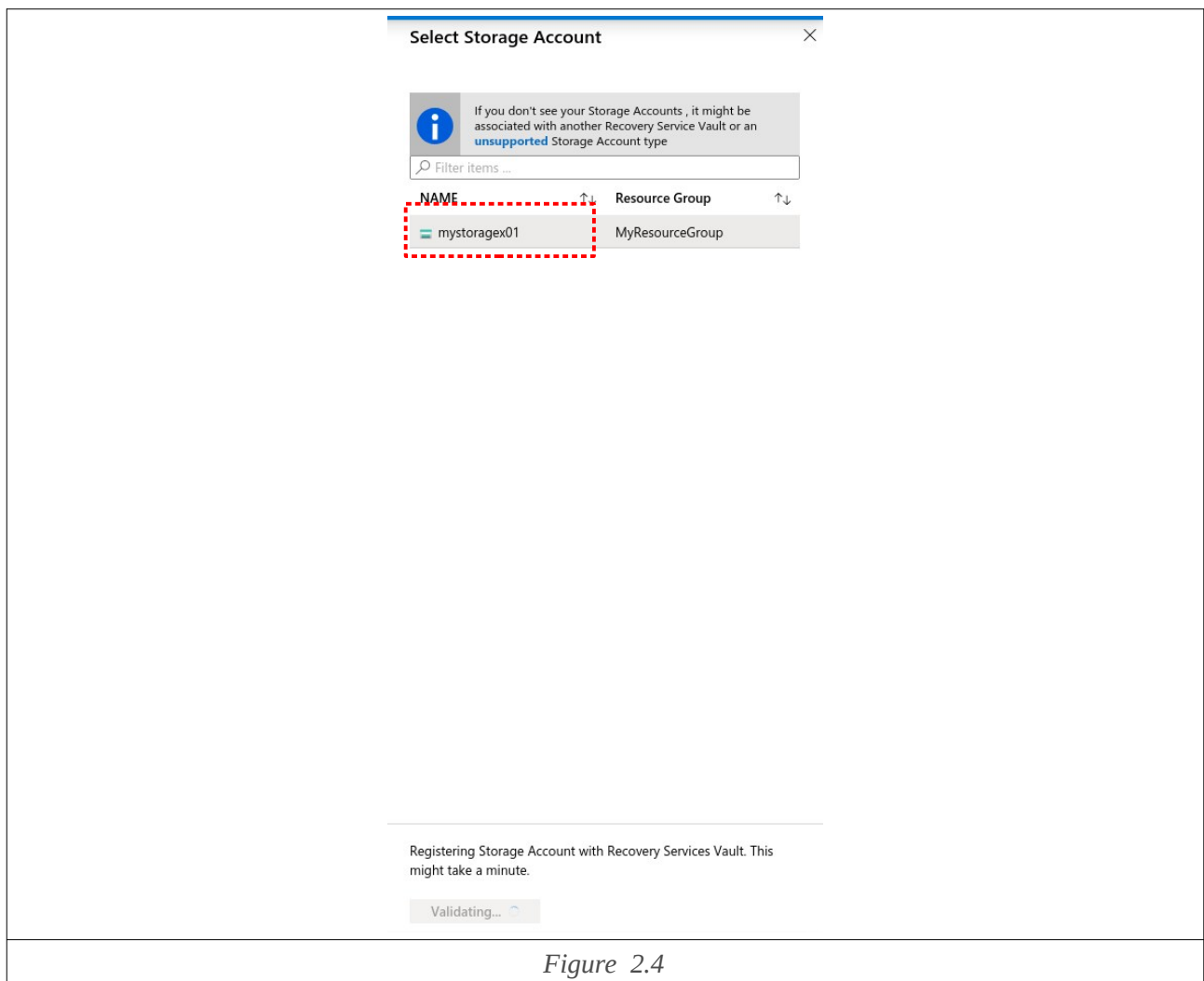


Figure 2.4

Once it is done, then click **Add** button (Figure 2.5) to add your **File Share** you want to backup and choose it from the list on right hand side and click **OK** button, as per Figure 2.6

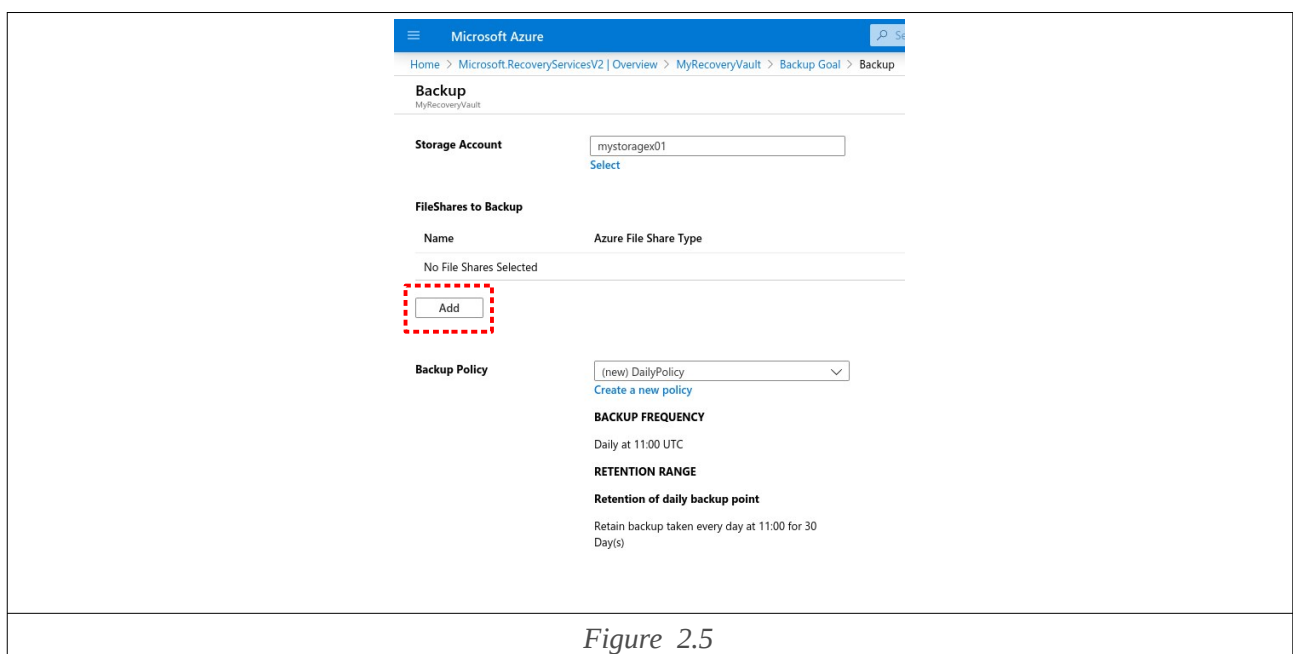


Figure 2.5

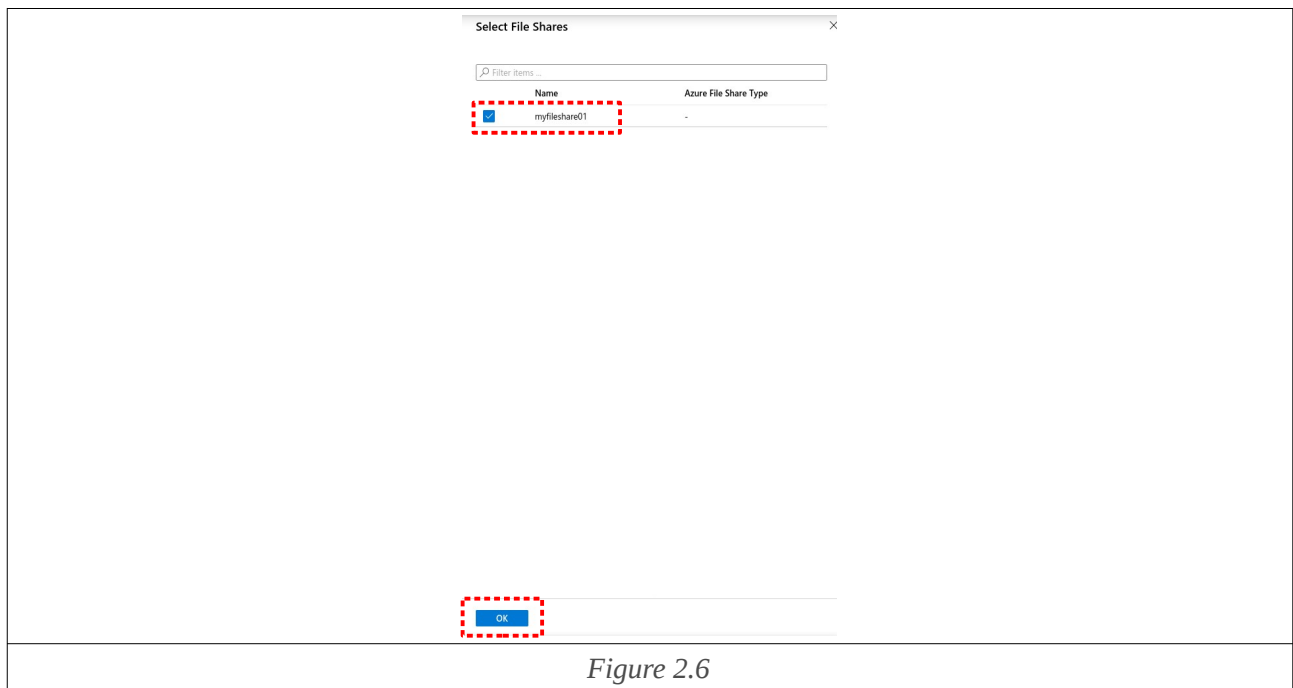


Figure 2.6

Next click [Create a new policy](#), as per Figure 2.7, to specify the conditions when backup should take a place.

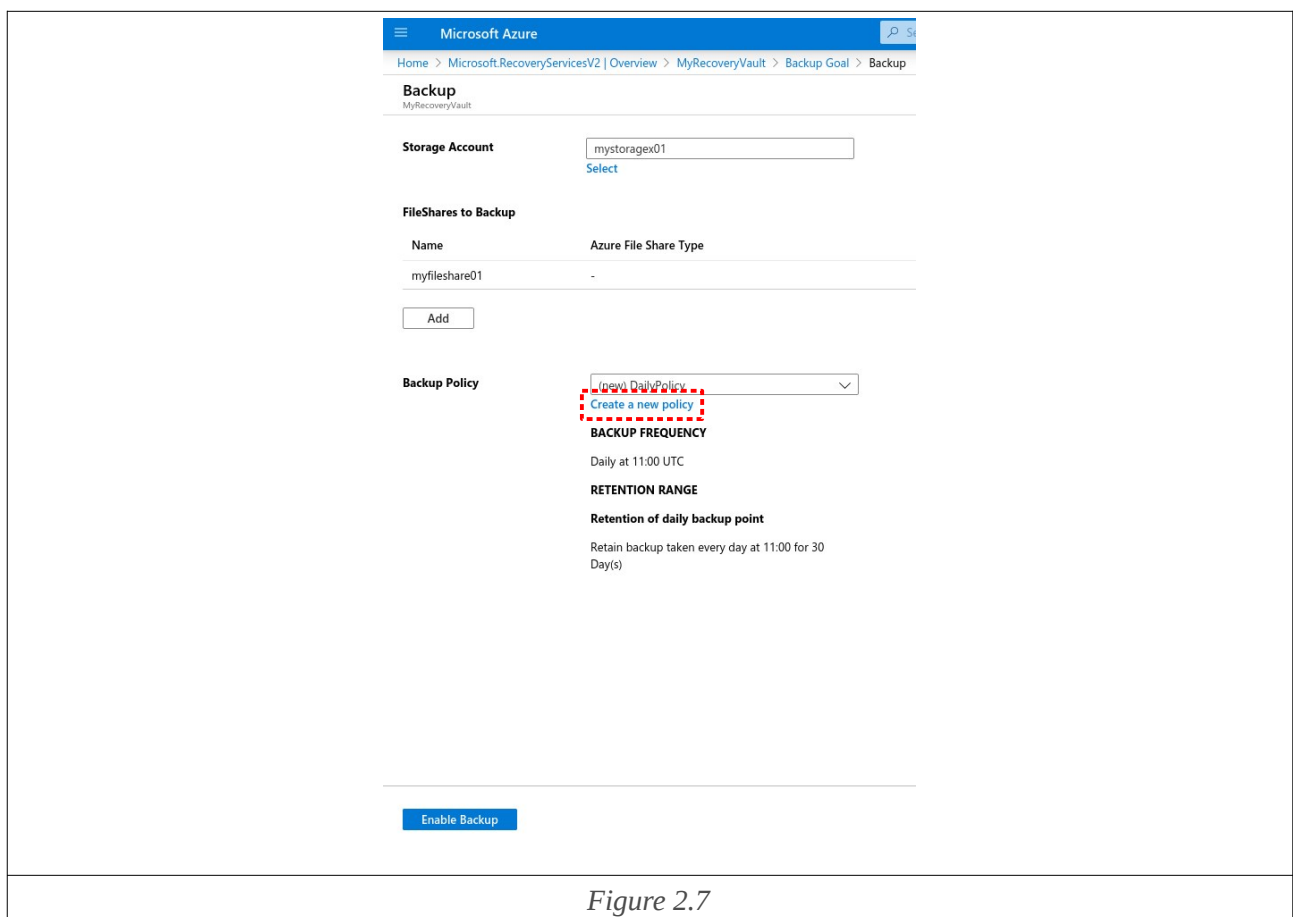


Figure 2.7

On the new screen choose give a name to your policy and choose desired conditions, then click [OK](#) button, as per Figure 2.8

Backup policy

Policy name * ⓘ
MyDailyBackupPolicy ✓

Backup schedule

Frequency Time * Timezone *
Daily 03:00 (UTC+00:00) Dublin, Edinburgh,...

Retention range


☒ Retention of daily backup point.

At For Day(s)
03:00 200 ✓

☐ Retention of weekly backup point.
Not Configured

☐ Retention of monthly backup point.
Not Configured

☐ Retention of yearly backup point.
Not Configured

 Azure File Share Backup Policy uses snapshots for recovery point creation and restore storage account as the file share and not transferred to the vault.

OK

Figure 2.8

When all done, then click [Enable Backup](#) button, as per Figure 2.9

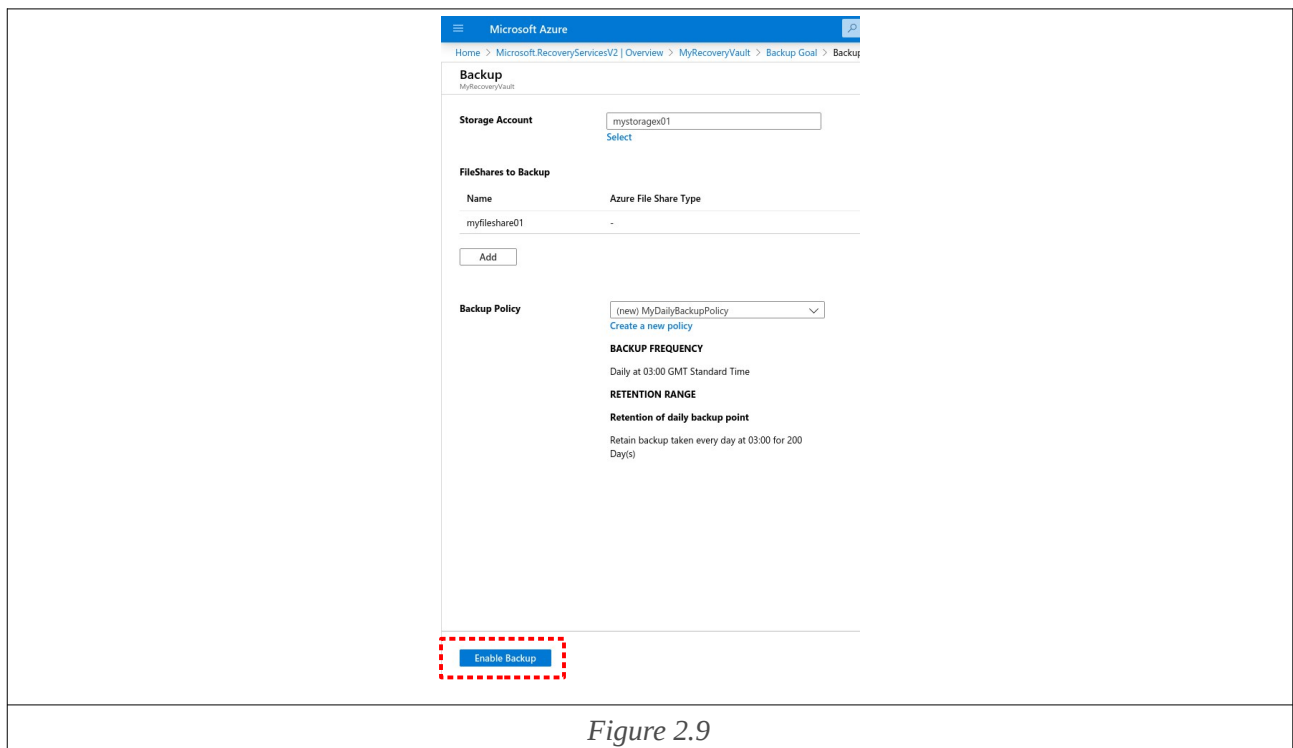


Figure 2.9

3. Checking of backup status.

Click [Backup items](#), as per Figure 3.1

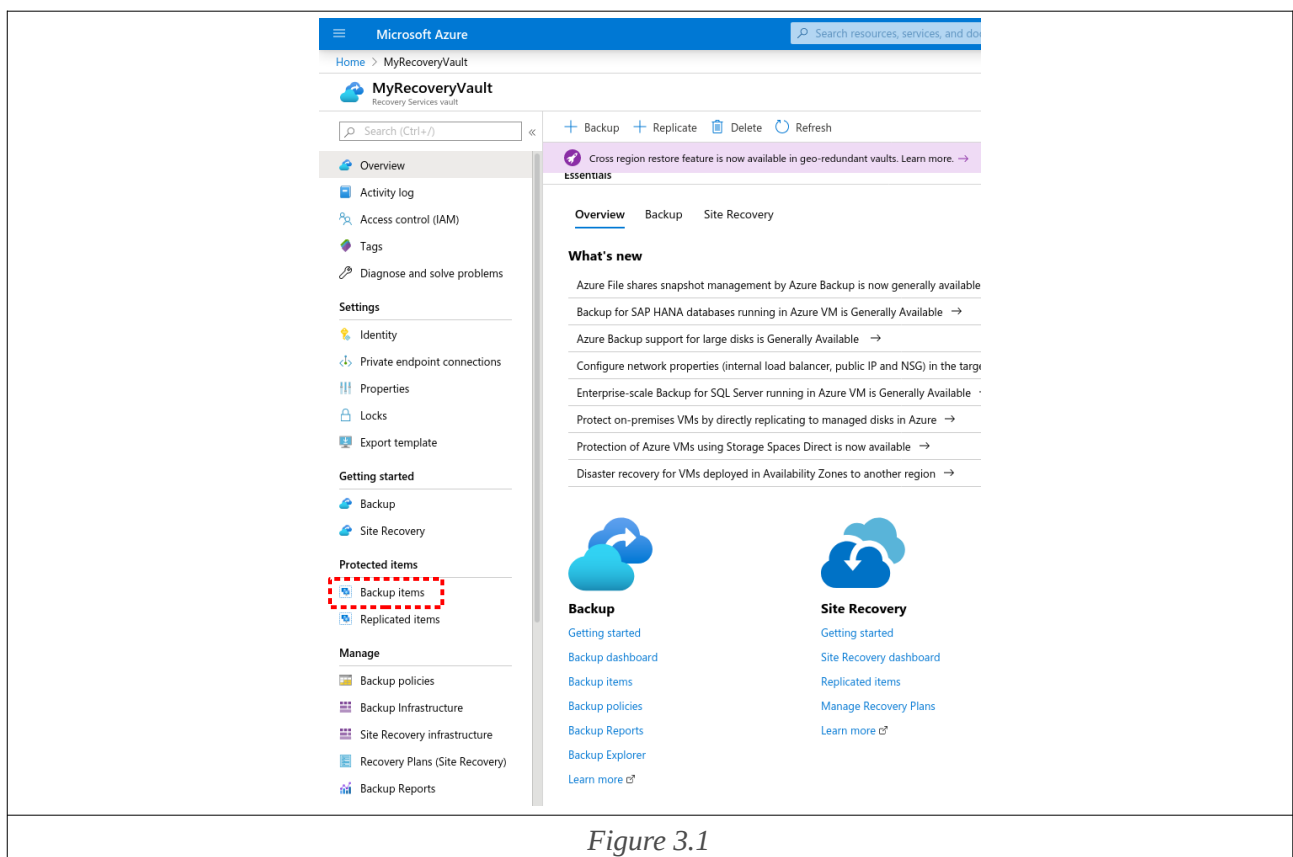
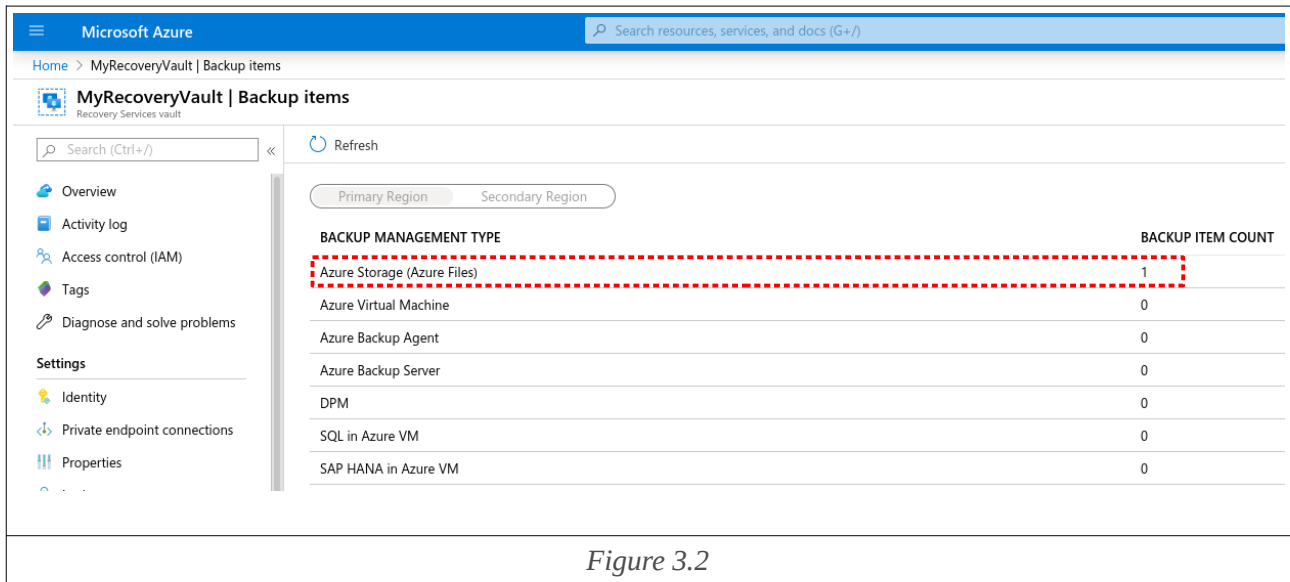


Figure 3.1

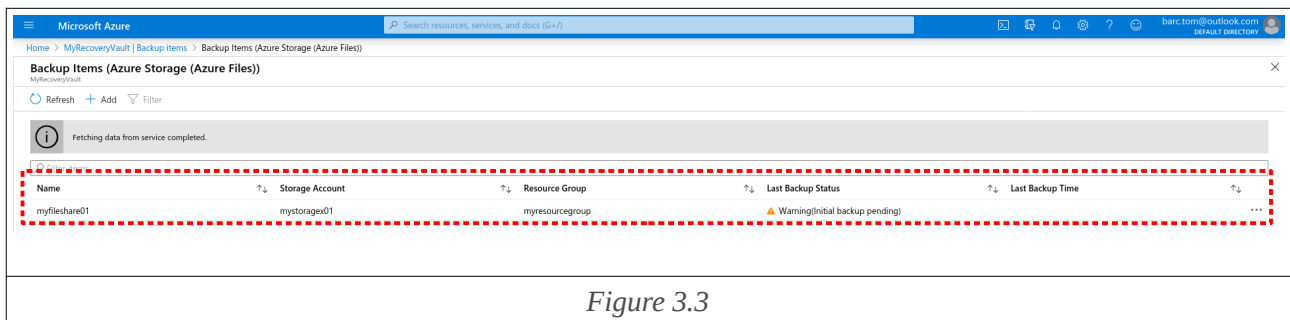
In the new windows (Figure 3.2) you can see all you backups you have set up already. The one on the top is a [File Share backup](#) you just set up. If you set up more in the past there will be different [Backup Item Count](#).



BACKUP MANAGEMENT TYPE	BACKUP ITEM COUNT
Azure Storage (Azure Files)	1
Azure Virtual Machine	0
Azure Backup Agent	0
Azure Backup Server	0
DPM	0
SQL in Azure VM	0
SAP HANA in Azure VM	0

Figure 3.2

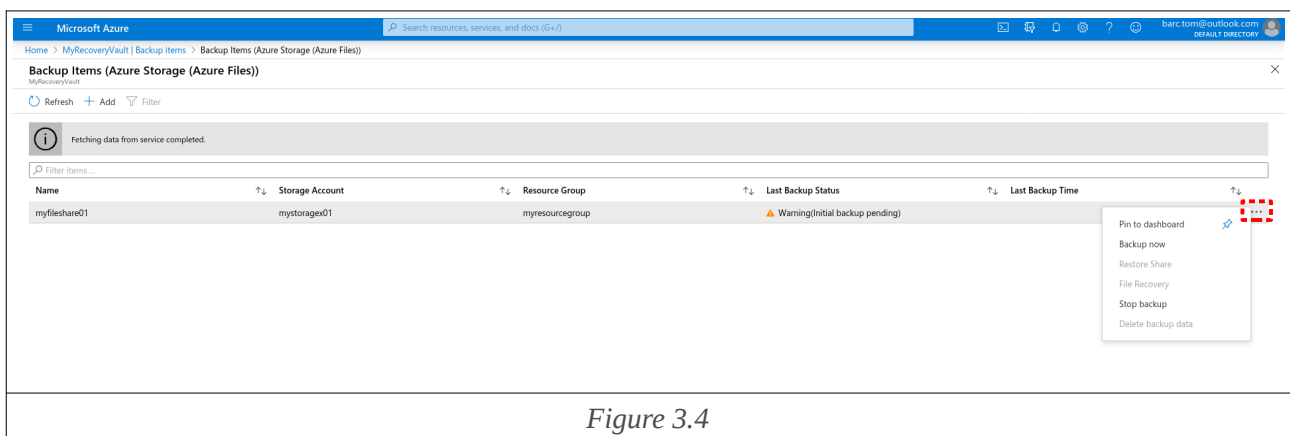
When you click on that field it will show you details (e.g. last backup status or time) of the configured [File Share backups](#), as per Figure 3.3 In this case there is only backup set up.



Name	Storage Account	Resource Group	Last Backup Status	Last Backup Time
myfiles01	mystorage01	myresourcegroup	Warning(Initial backup pending)	

Figure 3.3

By clicking three dots on the end of the line, you can invoke a menu, where you can choose from desired actions, like forcing to carry out backup right now. Figure 3.4



Name	Storage Account	Resource Group	Last Backup Status	Last Backup Time
myfiles01	mystorage01	myresourcegroup	Warning(Initial backup pending)	

Figure 3.4

If you decide to click on the backup line as per Figure 3.3, you will be able to see a new window with details of the backup, as per Figure 3.5 You can also click access from that place Restore of single files or whole share options.

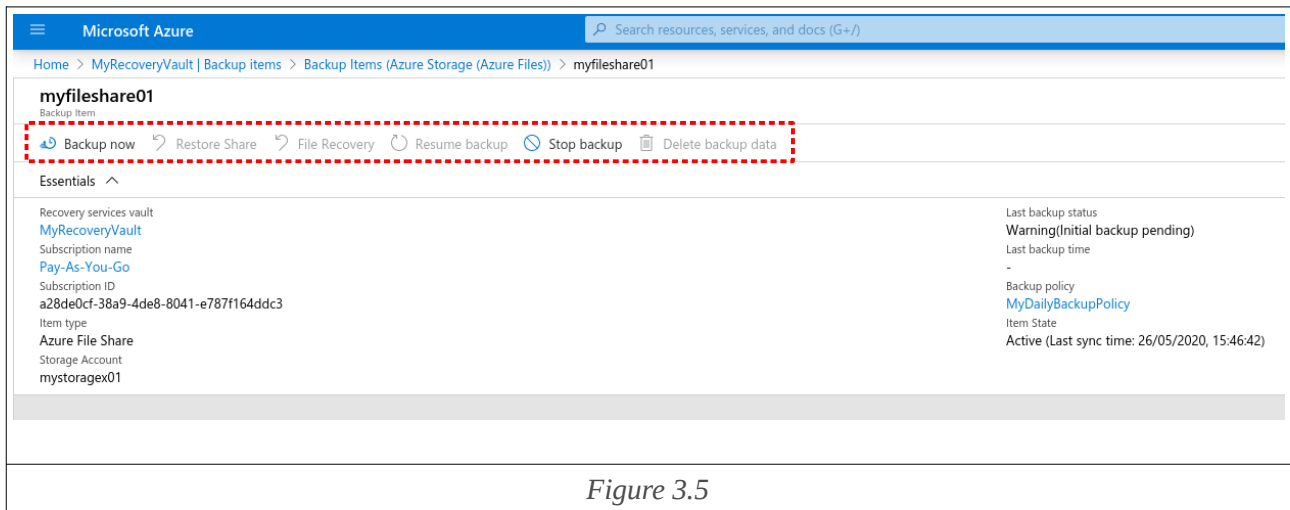


Figure 3.5

You can also find out about status of you backup jobs by clicking on [Backup Jobs](#), in the [Monitoring](#) section, as per Figure 3.6

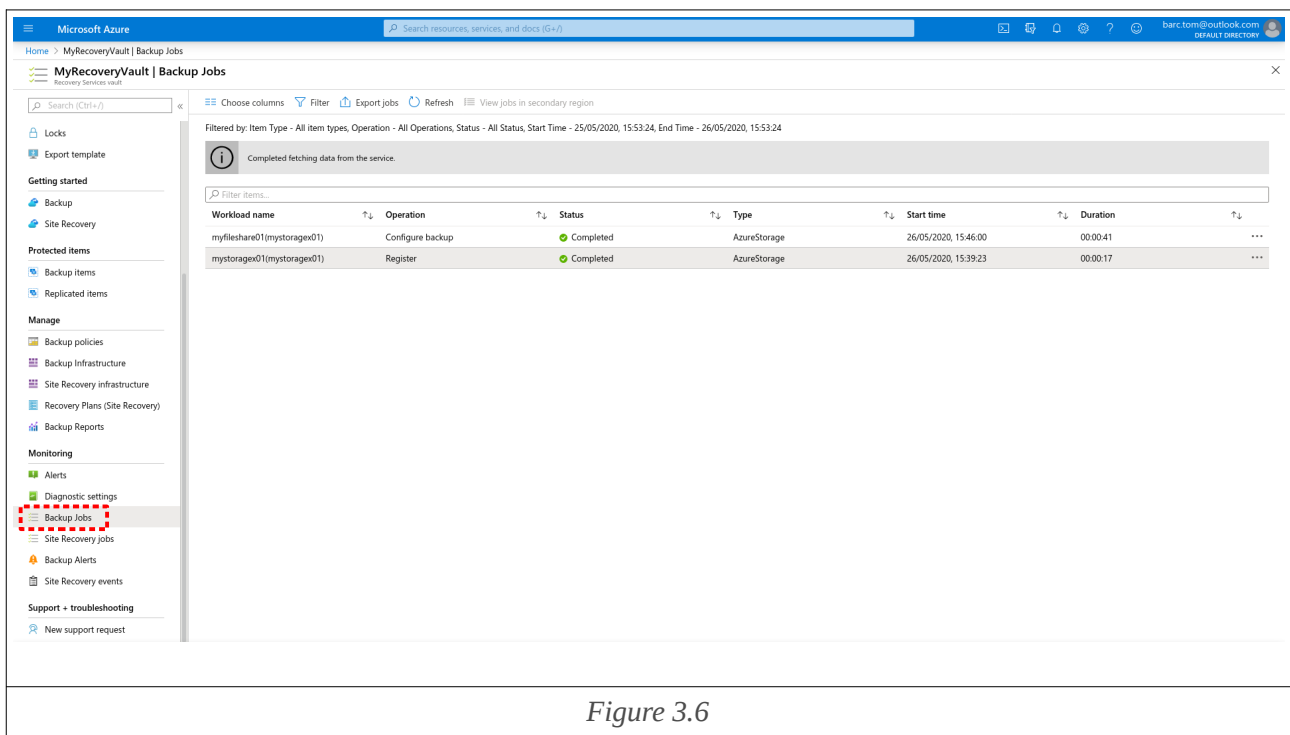
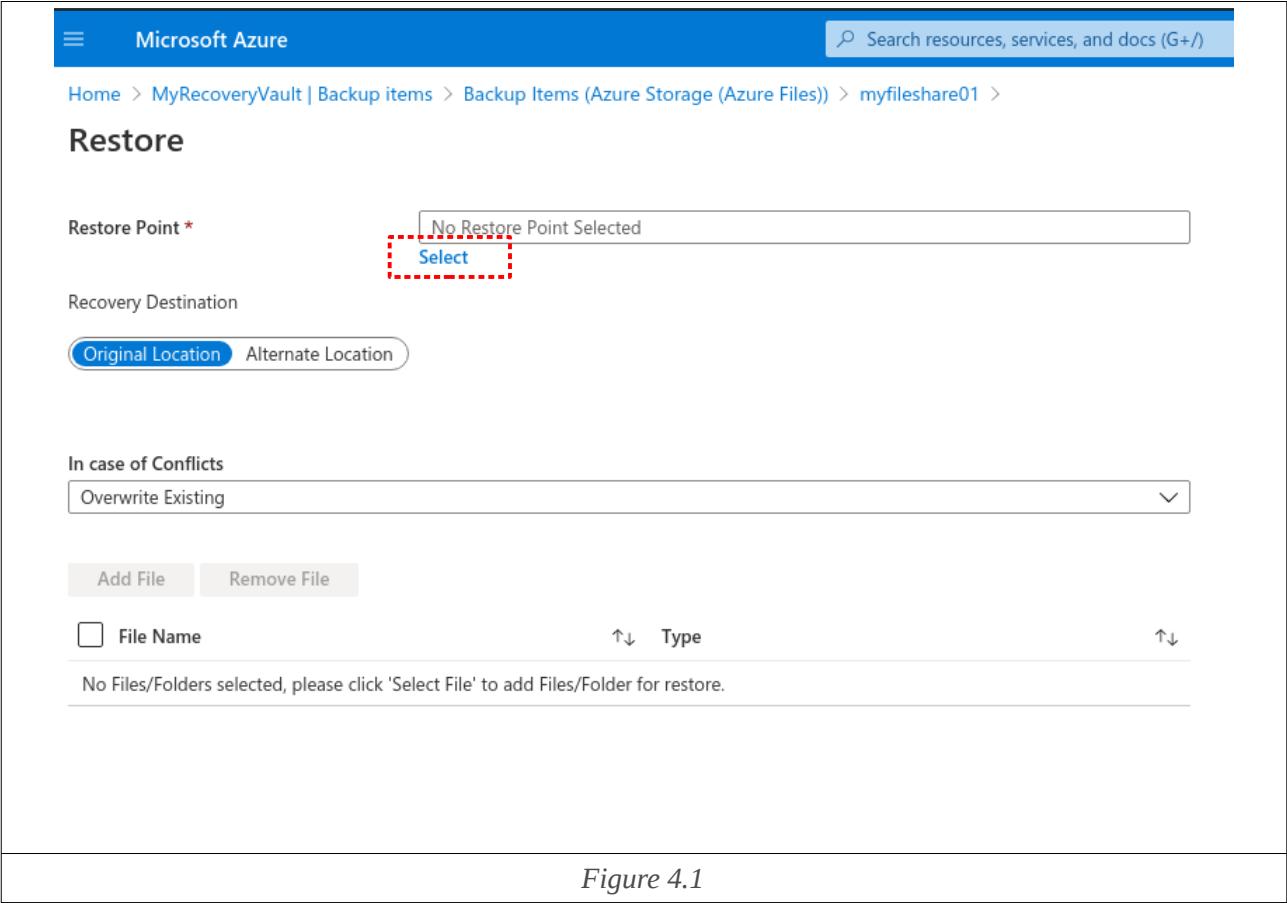


Figure 3.6

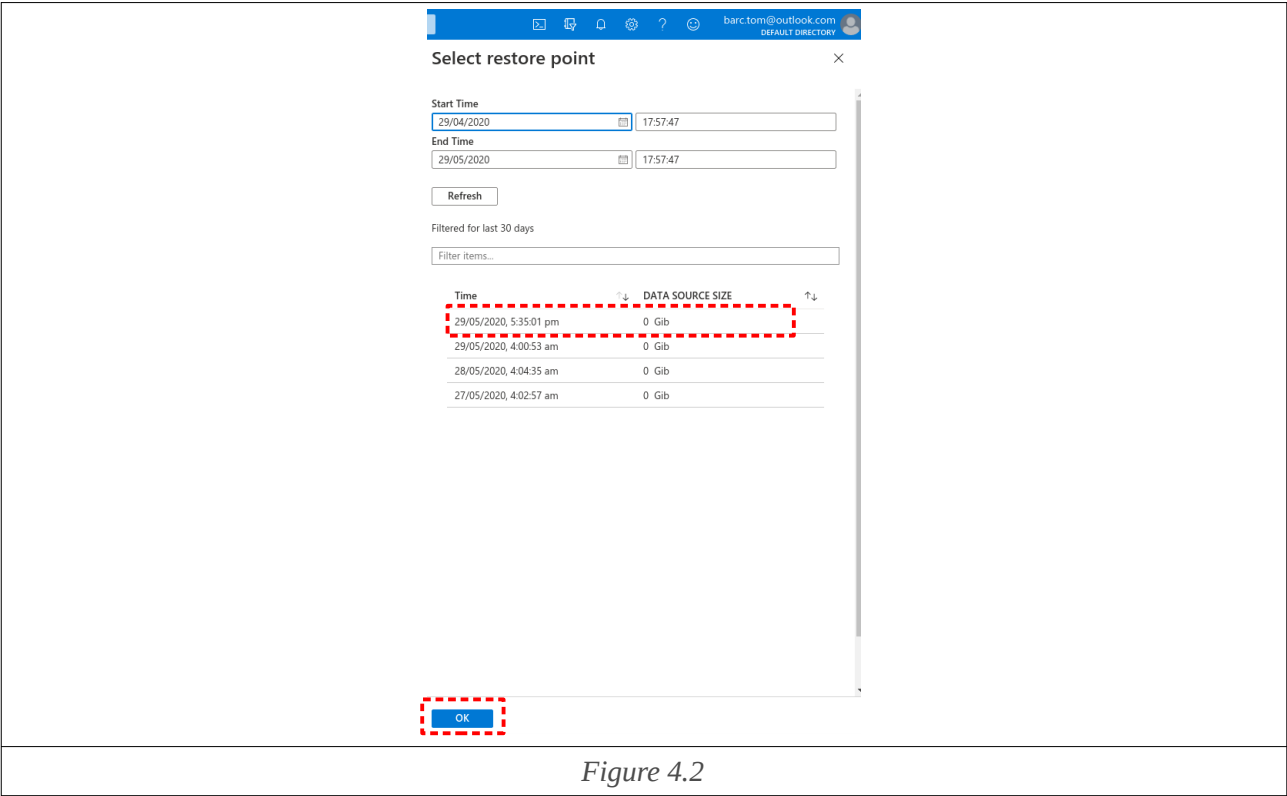
4. File recovery procedure.

To recover single file please follow the steps from Figure 3.1 to Figure 3.5
Once you get there press [File Recovery](#) button and follow steps as per Figure 4.1 onwards.

Press [Select](#) , as per Figure 4.1



New screen will appear. Choose a restore point you want to use for extracting desired file from and press OK button, as per Figure 4.2. In this case it is a latest backup/restore point.



Next click choose what location (original or different place to restore your files), what do do in the case if file you recovering already exists in the destination place and finally press [Add File](#) button in order to choose the file you would like to recover, as per Figure 4.3

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Home > MyRecoveryVault | Backup items > Backup Items (Azure Storage (Azure Files)) > myfileshare01 >

Restore

Restore Point * 29/05/2020, 5:35:01 pm ✓
[Select](#)

Recovery Destination

[Original Location](#) [Alternate Location](#)

In case of Conflicts
Overwrite Existing ▼

[Add File](#) [Remove File](#)

<input type="checkbox"/> File Name ↑↓	Type ↑↓
No Files/Folders selected, please click 'Select File' to add Files/Folder for restore.	

Restore

Figure 4.3

A new screen will appear where you can choose your file to recover and press [Select](#) button, as per Figure 4.4. Only one file can be chosen at any given time. If you would like to add more files, then click again [Add File](#) button as per Figure 4.3

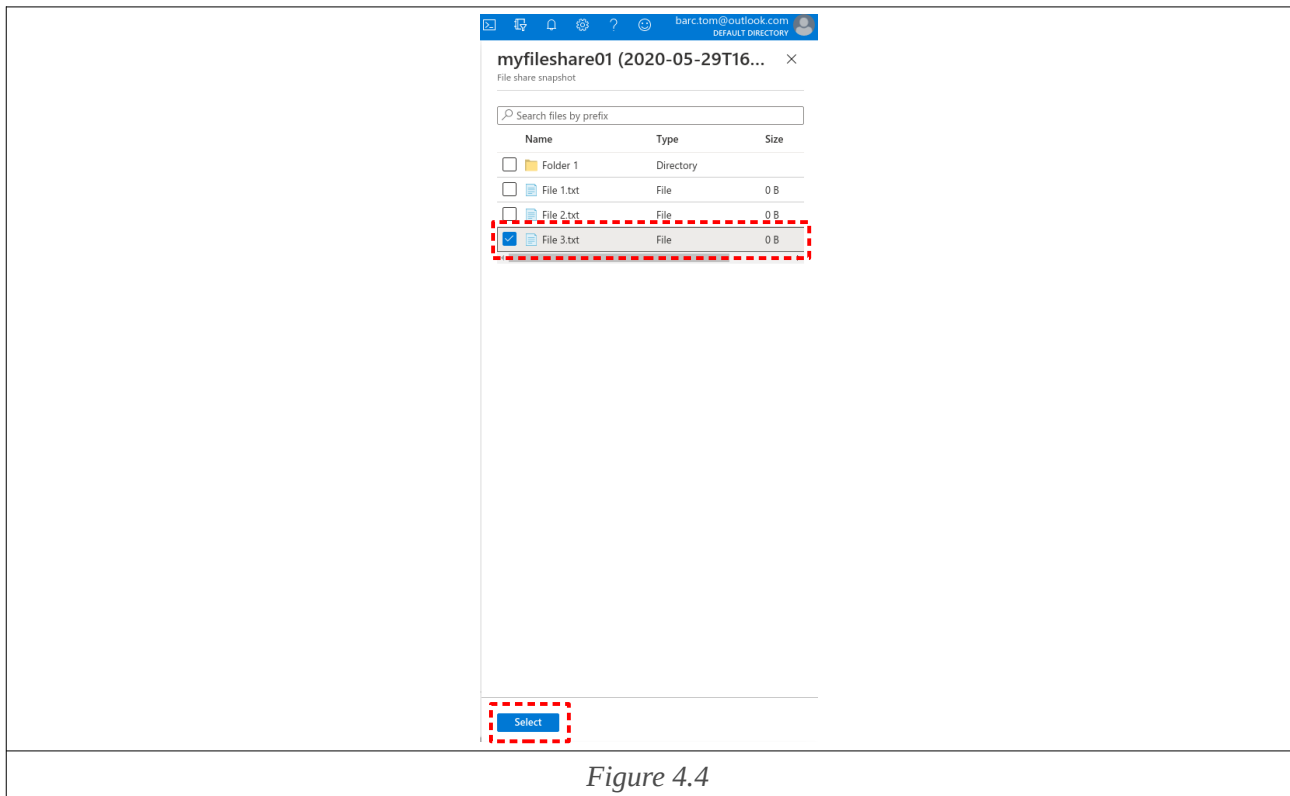


Figure 4.4

Your file will appear on the list. If you finished with adding files to be recovered, then press [Restore](#) button, as per Figure 4.5

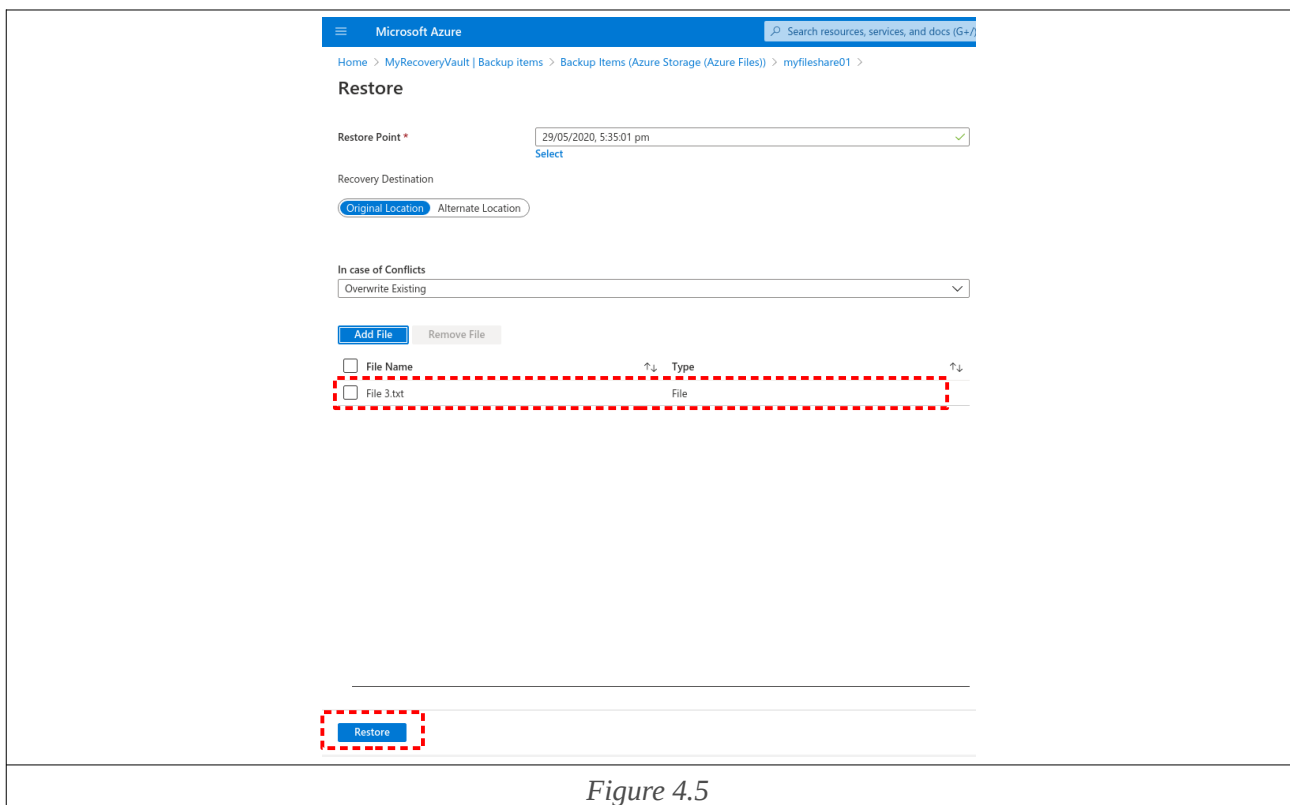


Figure 4.5

Your file(s) will be restored. You can go to your File Share location or click [Backup Jobs](#) button to see the status of recovery job, as per Figure 4.6

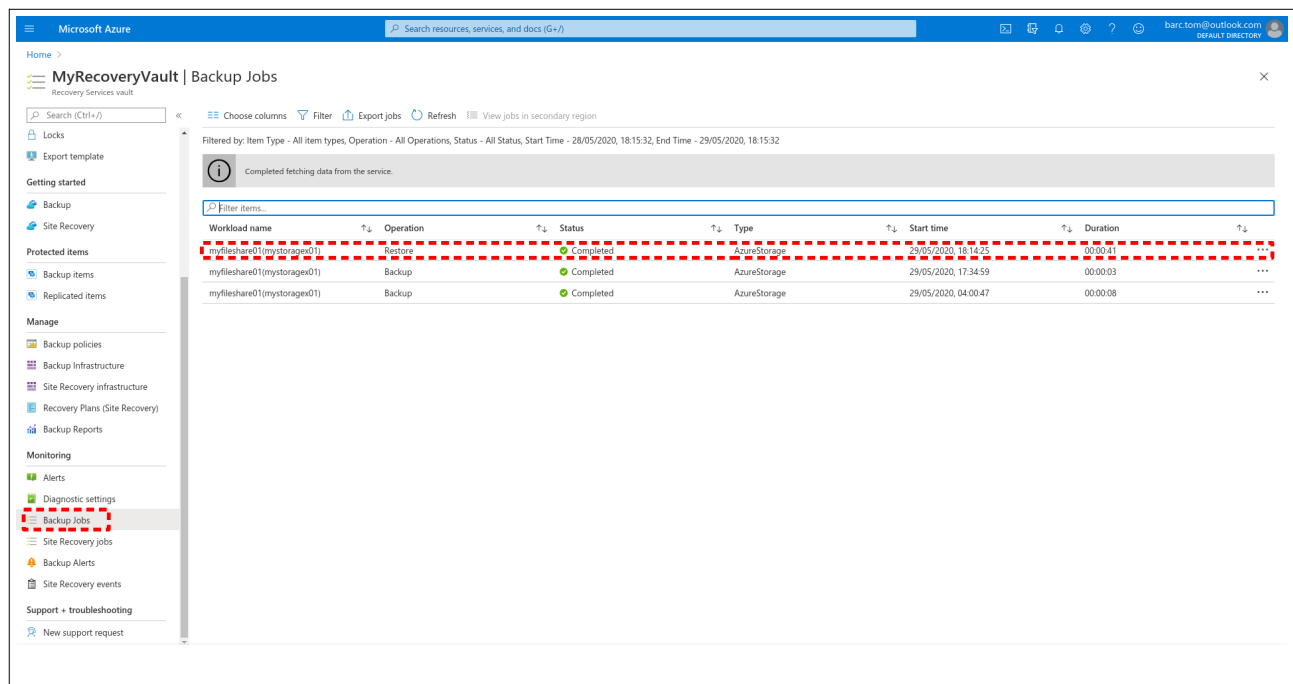


Figure 4.6

5. File Share recovery procedure.

To recover whole File Share in one go follow the steps from Figure 3.1 to Figure 3.5. Once you get there, press [Restore Share](#) button and follow steps as per Figure 5.1 onwards. Press [Select](#) button and from a new window choose your restore point and press OK button, as per Figure 5.1

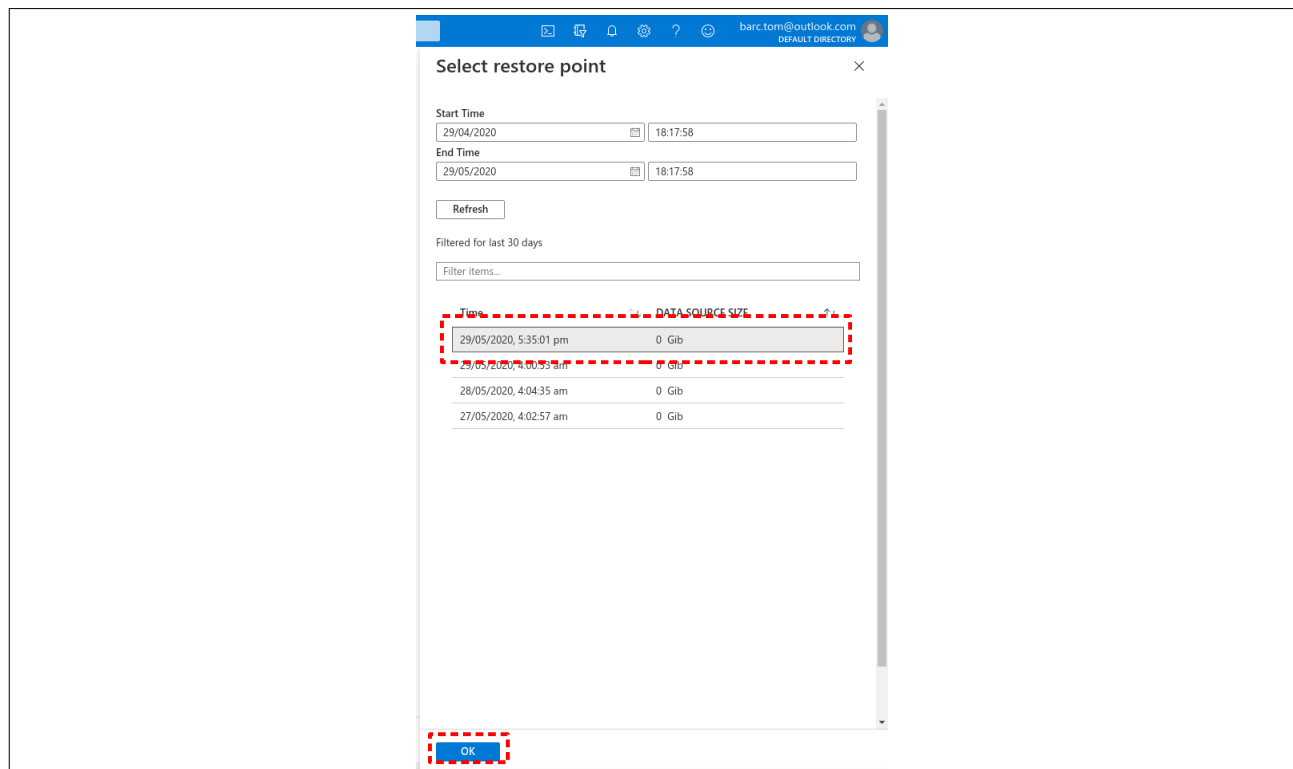


Figure 5.1

Choose the Recovery Destination, what to do in case of files that already exists (Conflicts) and press Restore button, as per Figure 5.2

Microsoft Azure

Search resources, services, and docs (G+)

[Home](#) > [MyRecoveryVault | Backup items](#) > [Backup Items \(Azure Storage \(Azure Files\)\)](#) > [myfileshare01](#) >

Restore

Restore Point *

29/05/2020, 5:35:01 pm

Select

Recovery Destination

Original Location

Alternate Location

In case of Conflicts

Overwrite Existing

Restore

Figure 5.2