

Azure Virtual Machine Backup with Windows (Portal)

(LAB-300-01A-13)

Part A: Create Windows Virtual Machine

- Refer the Machine created in LAB-300-01A-10

Part B: Configure Azure VM Backup

Enable Azure VM Backup

1. From the Azure Portal, go to the left menu, select Virtual Machines.
2. Select the virtual machine **myWinVMCI01** from the list.
3. Click "**Backup**" under settings.
4. You will be required to fill in specific information regarding your virtual machine backup, including:
 - a. Recovery service vault: Select "**Create new**"
 - b. Resource group: Create new resource group name
 - c. Choose backup policy: Select "**Create new policy**"
 - a. Policy name: Provide policy name
 - b. Backup Schedule: Provide "**Frequency**", "**Time**" & "**Time Zone**" for backup
Example, select next available slot as per your current time & time zone would be your country time zone
 - c. Select retention for daily backup
 - d. Select schedule & retention for weekly backup
 - e. Select schedule & retention for monthly backup
 - f. Select schedule & retention for yearly backup
 - g. Press OK
5. Select "**Enable backup**"

Initiate Manual Azure VM Backup

6. From the virtual machine, click "**Backup**" under settings
7. Select "**View all Jobs**" under Alerts and Jobs
8. Check "**Configure backup operation**" should be completed of the virtual machine
9. From the virtual machine, click "**Backup**" under settings
10. Select "**Backup Now**" to start the manual backup
11. Select the 2 days from the today's date for retention period
12. From the virtual machine, click "**Backup**" under settings

Track Azure VM Backup Jobs

13. Select "**View all Jobs**" under Alerts and Jobs, to monitor the backup progress. It will take approx. 60 to 90 mnts. for backup completion
14. Once backup successfully completed, you will see backup operation status as completed

Part C: Restore Azure VM Backup

1. From the Azure Portal, go to the left menu, select Virtual Machines
2. Select the virtual machine from the list
3. Click "**Backup**" under settings
4. Select "**File Recovery**". It will open new window
5. From the **Select recovery point** drop-down menu.
Info: select the recovery point that holds the files you want. By default, the latest recovery point is already selected.
6. To download the software used to copy files from the recovery point, click **Download Executable** (for Windows Azure VM)
7. Azure downloads the executable or script to the local computer.
Info: Suggested you save the download to your computer.

8. The executable or script is password protected and requires a password. In the **File Recovery** menu, click the copy button to load the password and copy to notepad
9. Copy the executable files (Part C, Step 6) to your Azure VM & execute it
10. When prompted, type the password or paste the password. Once the valid password is entered, the script connects to the recovery point.
11. Go to my computers, you will see new drive mapped to VM.
12. Open the drive & restore the files.
13. Once file recovery completed, click on "unmount disk" under file recovery