

Stories 5: Create a disks in azure and attach to VM.

Creating a data disk and attaching it to a Virtual Machine (VM) in Azure involves a few steps. Below are the steps using the Azure Portal:

Create and Attach a Data Disk to an Azure VM:

1. Sign in to the Azure Portal:

- Go to [Azure Portal](#).
- Sign in with your Azure account.

2. Navigate to "Virtual Machines":

- In the left navigation pane, click on "Virtual machines" or use the search bar to find and select it.

3. Select the VM:

- Click on the VM to which you want to attach the data disk.

4. Navigate to "Disks" under "Settings":

- In the VM details page, click on "Disks" under the "Settings" section.

5. Add Data Disk:

- Click on the "+ Add data disk" button.

6. Configure the Data Disk:

- Fill in the following details:
 - **Name:** Provide a name for the data disk.
 - **Source type:** Choose "None" if you want to create an empty disk.
 - **Account type:** Choose the storage account type (Standard HDD, Standard SSD, Premium SSD).

- **Size (GiB):** Specify the size of the data disk in gigabytes.

7. Review + Add:

- Click on the "Review + add" button to review your configuration.

8. Add:

- Click the "Add" button to start creating the data disk.

9. Wait for Deployment:

- Azure will deploy the data disk. You can monitor the progress on the Azure Portal.

10. Attach the Data Disk to the VM:

- Once the data disk is created, go back to the VM's "Disks" section.
- Click on the VM's OS disk or an existing data disk.
- In the disk details page, scroll down to the "Disk management" section.
- Click on "Attach existing disks" and select the newly created data disk. **Configure in the VM:**
- Connect to the VM using RDP (for Windows) or SSH (for Linux).

Home > Virtual machines > lmsvm | Disks >

lmsvm_OsDisk_1_ced96a2a00d04c098653c0b4cb40dc07 ⚙️ ☆ ...

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Overview

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- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings

- Configuration
- Size + performance**
- Encryption
- Networking
- Disk Export
- Properties
- Locks

Monitoring

- Metrics

Essentials

Resource group (move) : lmsvmRG	Disk size : 30 GiB
Disk state : Reserved	Storage type : Standard SSD LRS
Location : East US (Zone 1)	Managed by : lmsvm
Subscription (move) : Pay-As-You-Go	Operating system : Linux
Subscription ID : b7ff9584-8c96-405b-9679-3146ee164646	Completion percent : 100
Time created : 12/28/2023, 10:49:53 AM	Max shares : 0
	Availability zone : 1
	Security type : Trusted launch

Tags (edit) : [Add tags](#)

Show data for last: 1 hour 6 hours 12 hours **1 day** 7 days

Disk Bytes/sec (Throughput)

Disk Operations/sec (IOPS)

Snapshot: A snapshot is a full, read-only copy of a virtual hard disk (VHD). You can use

a snapshot as a point-in-time backup, or to help troubleshoot virtual machine (VM) issues. You can take a snapshot of both operating system (OS) or data disk VHDs.