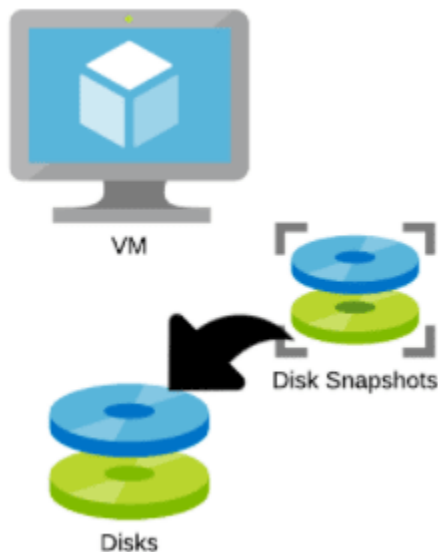# Snapshot in Azure & Create Snapshot in Azure

What is a Snapshot in Azure

A snapshot is a representation of an object at a specific point in time. A snapshot incurs billing for the incremental size of the data it holds.

A snapshot is a full read-only copy of a virtual hard disk (VHD). You can take a snapshot of an OS or data disk VHD to use as a backup or to troubleshoot virtual machine (VM) issues.

You can store full snapshots and images for Standard SSD Managed Disks on Standard HDD storage. You can choose between locally-redundant (LRS) and zone redundant (ZRS) snapshot options.

Keep these best practices in mind when creating and using Azure snapshots:
- Where conceivable, make the Azure preview when the machine is fueled off – – it makes the disk more steady. In the event that the VM isn't controlled off as of now, it will be the point at which the depiction is taken.
- Try not to save previews for longer than required; they cost cash and can adversely influence execution.
- Try not to involve previews as a drawn-out backup procedure. All things considered, utilize Azure Backup – – it doesn't need human interaction, which decreases human blunder and different dangers.

Introduction to Snapshot in Azure & Create Snapshot in Azure

In this blog, we are going to cover S**napshot in Azure, Azure Managed Disk Snapshot** & **Creating Snapshot from Azure Portal.**
Topics we'll cover:
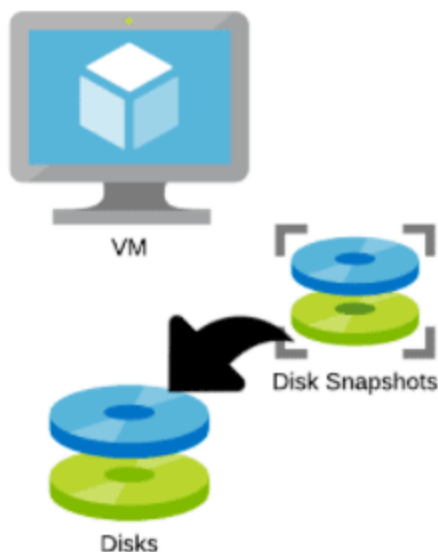
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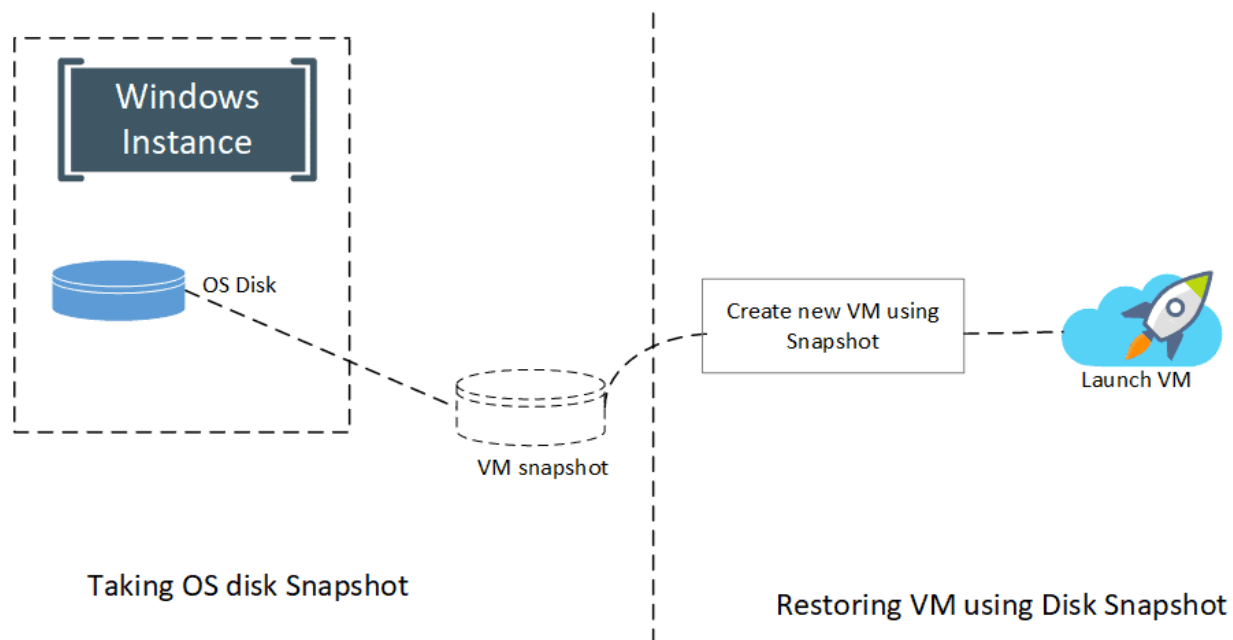
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We can use an Azure Snapshot to complete tasks such as:
- Custom backup.
- Restore and rebuild a VM.
- Disaster recovery.
- Overwrite OS disks without recreating a VM.
- Make a copy of a VM.
- Troubleshoot VM issues.

Azure Managed Disk Snapshot

Azure disk snapshot include is regularly mistaken for backup. It's one of the speedy backup strategies to investigate VM issues or test the arrangement changes by keeping the protected snapshot. A managed disk snapshot is a read-only crash-consistent full copy of a managed disk that is stored as a standard managed disk by default. With snapshots, you can back up your oversaw disks anytime

The greatest contrast is that we can utilize Azure Backup to reestablish VM straightforwardly. Be that as it may, to reestablish VM, we need to utilize the snapshot to make OS disk and afterward utilize this OS disk to make another VM.