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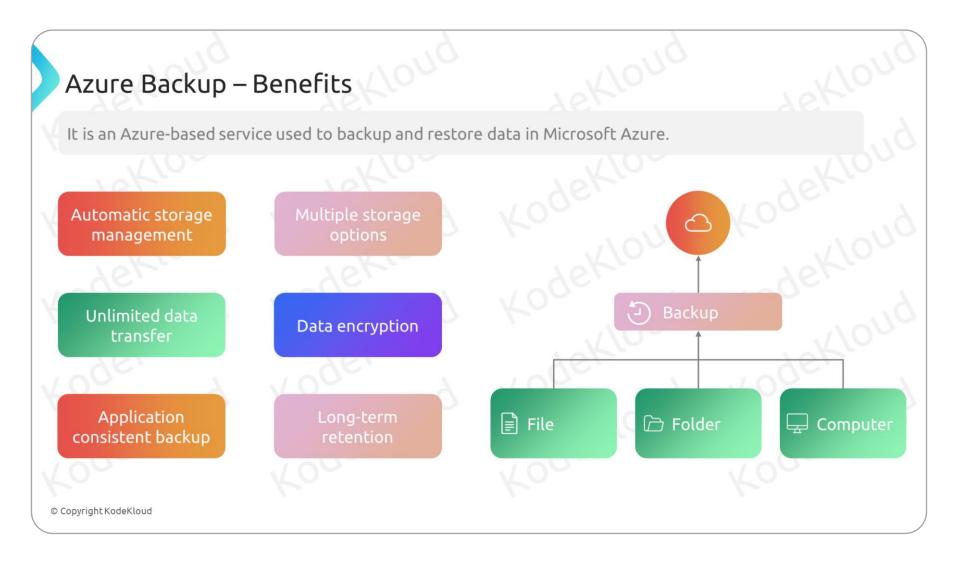
Administer Data Protection



Moved Lab 03a – Manage Azure resources with the Azure portal into this module. It covers resource locks.

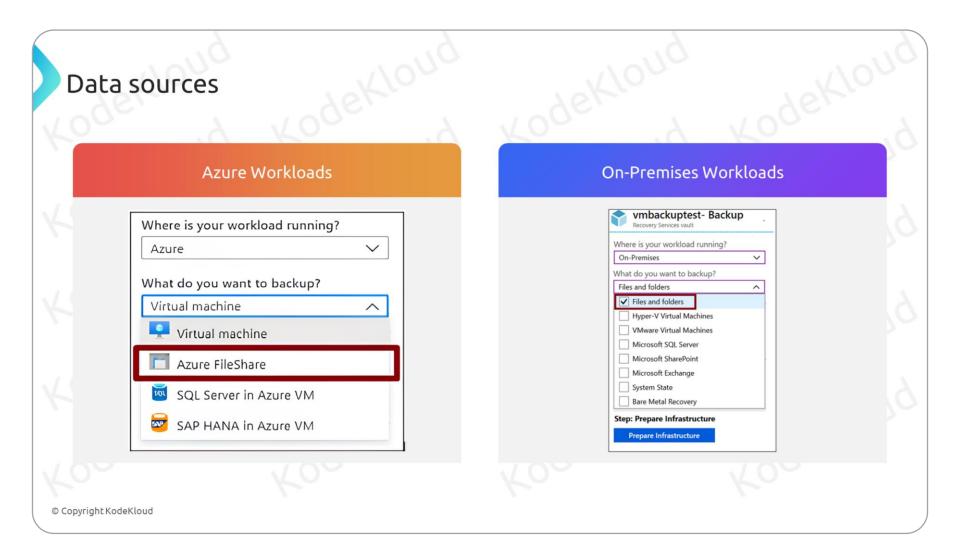
Azure Backup Solution © Copyright KodeKloud

- A repeatable way to deliver software and infrastructure code to its destination
- Build and test code
- Deploy to on-prem or cloud resources
- CICD isn't just for software developers. It's also for infrastructure pros



Why use Azure Backup? - https://docs.microsoft.com/azure/backup/backup-introduction-to-azure-backup#why-use-azure-backup

√ What are some of the reasons your organization might choose Azure Backup?

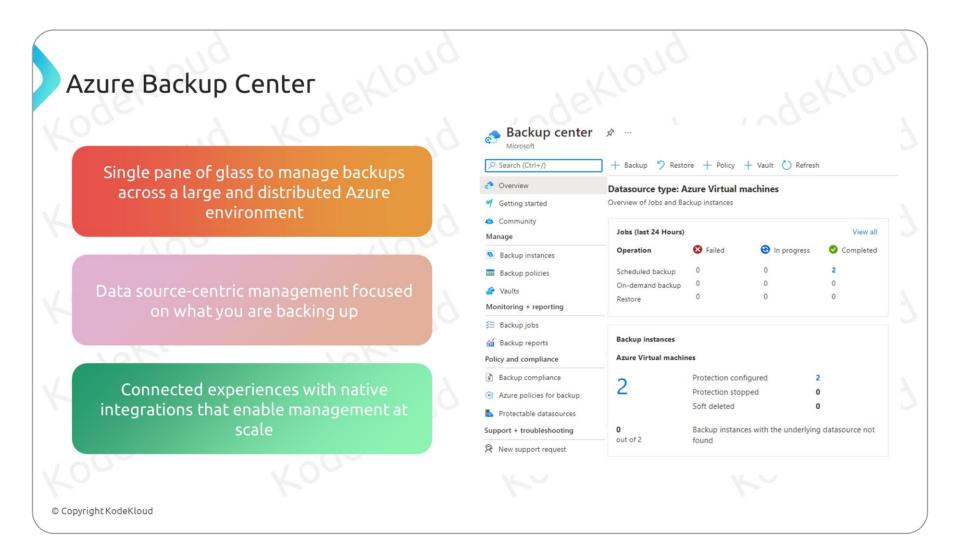


Recovery Services vaults overview - https://docs.microsoft.com/azure/backup/backup-azure-recovery-services-vault-overview

Create a Recovery Services vault - https://docs.microsoft.com/azure/backup/backup-create-rs-vault

Soft delete for virtual machines - https://docs.microsoft.com/azure/backup/soft-delete-virtual-machines

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Overview of Backup Center - https://docs.microsoft.com/azure/backup/backup-center-overview

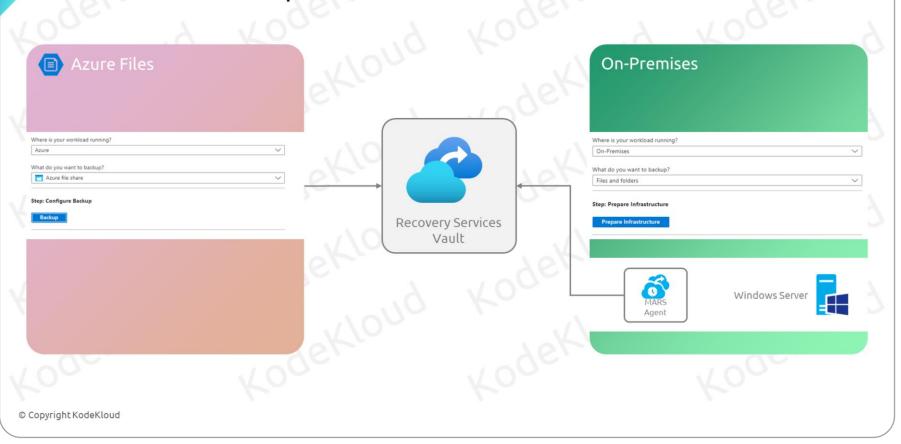
Supported scenarios

Backup Center is currently supported for Azure VM backup, SQL in Azure VM backup, SAP HANA in Azure VM backup, Azure Files backup, Azure Blobs backup, Azure Managed Disks backup, and Azure Database for PostgreSQL Server backup.

File and Folder Backup © Copyright KodeKloud

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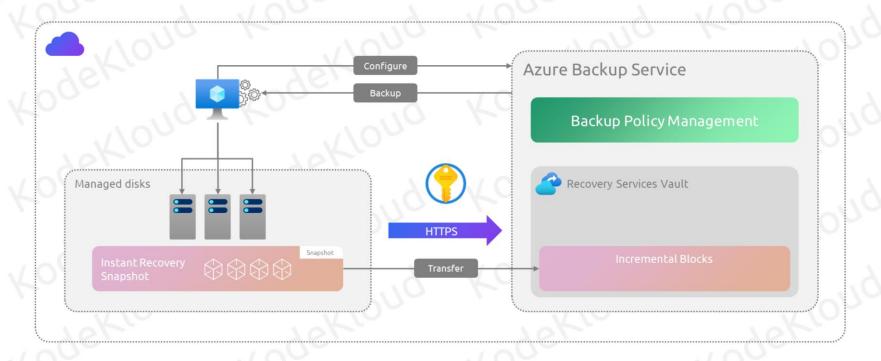
File and Folder Backup



Backup © Copyright KodeKloud

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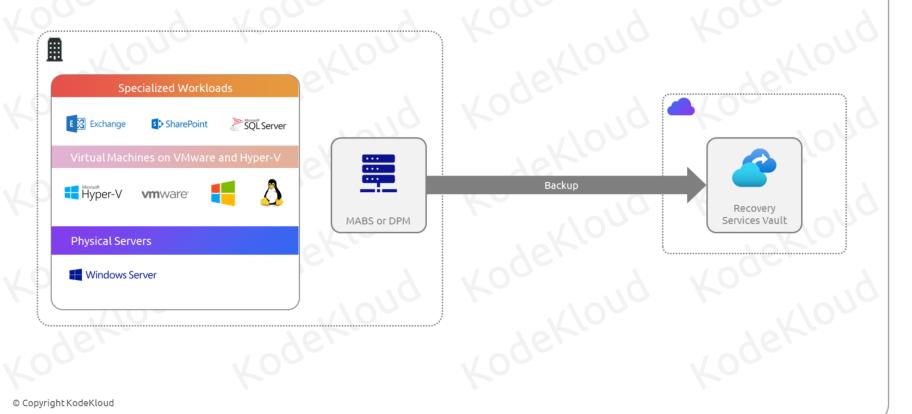
Virtual Machine Backup – Azure VMs



Virtual Machin Backup – On-Premises © Copyright KodeKloud

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Virtual Machine Backup – On-Premises VMs



Compare On-premises © Copyright KodeKloud

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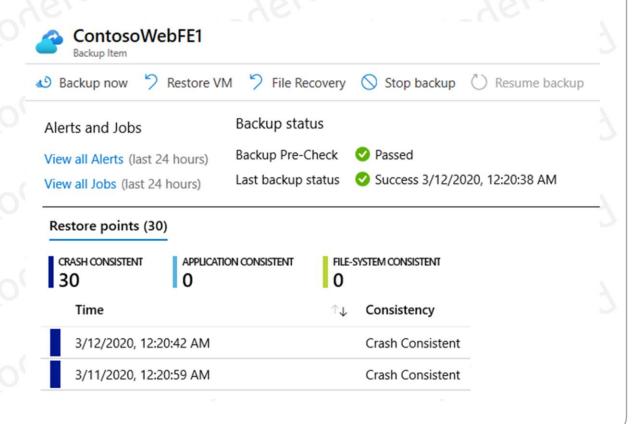
Backup Options – Comparison

Compon	nt Benefits	Limits	Protects	Backup Storage
Azure Back (MARS) ago		 Backup 3x per day Not application aware File, folder, and volume-level restore only No support for Linux 	FilesFolders	Recovery services vault
Azure Backup Sei (MABS)	 App aware snapshots Full flex for when to backup Recovery granularity Linux support on Hyper-V and VMware VMs Backup and restore VMware VMs Doesn't require a System Center license 	 Cannot backup Oracle workloads Always requires live Azure subscription No support for tape backup 	FilesFoldersVolumesVMsApplicationsWorkloads	Recovery services vault Locally attached disk

Restore Virtual Machines

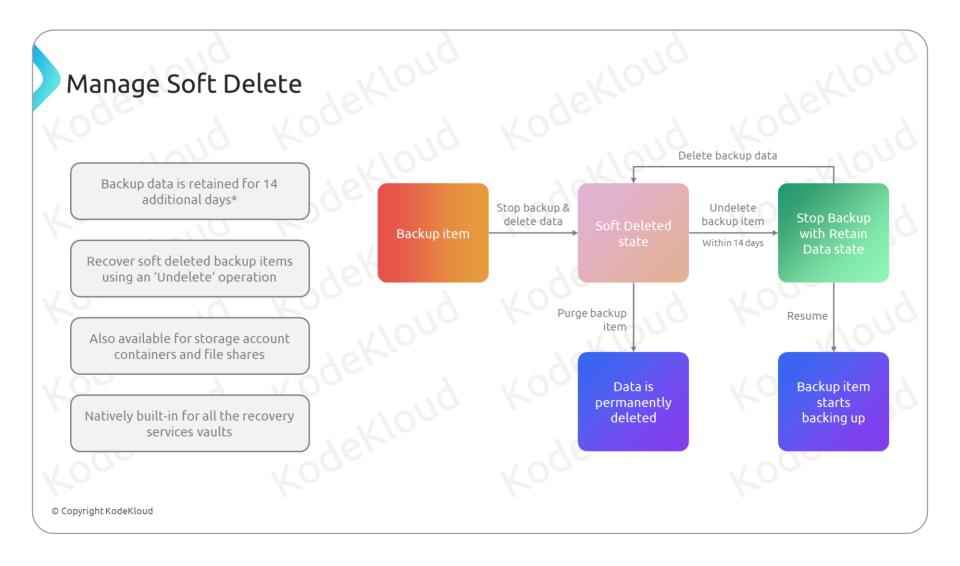
Once you trigger the restore operation, the Backup service creates a job for tracking the restore operation

The Backup service also creates and temporarily displays notifications, so you monitor how the backup is proceeding



Protection © Copyright KodeKloud

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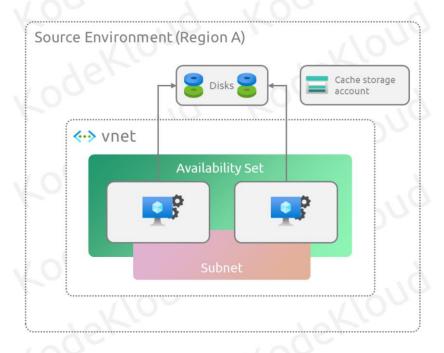


Soft delete for virtual machines in Azure Backup - https://azure.microsoft.com/updates/soft-delete-virtual-machine-backup/

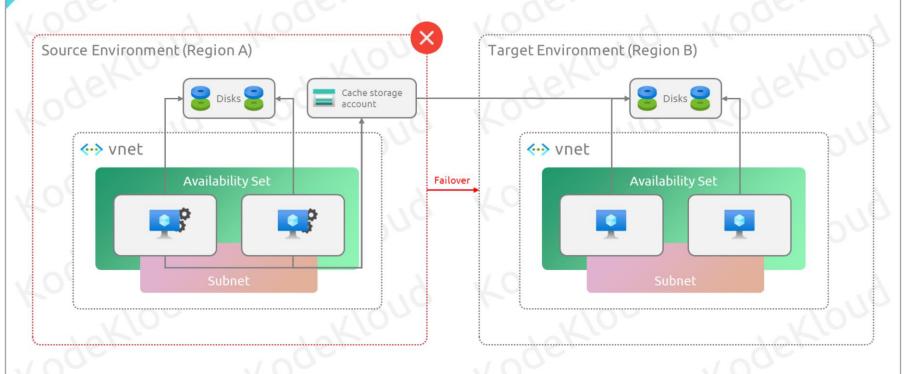
* Now soft delete number of days can be extended beyond 14 days, although it will have a fee associated to it.

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Azure Site Recovery



Azure Site Recovery





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