

# AZURE BACKUP CENTER UPDATES

## Azure Backup Center now supports at-scale monitoring

### AT A GLANCE

Azure Backup Center is a product offered by Microsoft to back up virtual machines (VMs) hosted in Azure, VMware-based on-premises environments, or on physical hardware. Azure Site Recovery is a product that can assist with disaster recovery and failover solutions in Azure or on-premises.

Previously, each Recovery Services vault had its own monitoring and management portal for backup jobs and replication. With this latest update, Azure-based backups can be monitored and managed from a single pane of glass rather than from multiple vault sites or Azure portal locations. This covers geo-replication, multiple subscriptions, resource groups, and regions.

Azure Site Recovery and Azure Backup provide ways for healthcare systems to deploy disaster recovery and backups into the cloud quickly and easily and can be considered as a pilot-light approach to cloud migration.

### WHAT THIS MEANS FOR YOU

Azure-based backups can be monitored and managed from a single pane of glass rather than from multiple vault sites or Azure portal locations. This is a significant advantage to integrate administration and operational maintenance activities, elevating better control and operational excellence.

### NORDIC IN ACTION

For a hospital system with an electronic health record (EHR), disaster recovery is vital. The continuity of patient care and the accuracy of patient data is of paramount importance. Many EHRs consist of multiple disparate systems or virtual machines on-premises that operate as database systems, reporting systems, file storage, imaging, printing, prescribing, charting, scheduling, revenue cycle, and other enterprise functions. Azure Site Recovery is an excellent choice for replicating on-premises EHR infrastructure into Azure. This new functionality allows for multiple regions or subscriptions in Azure, such as a large health system with independent subsidiaries running their own EHRs, to be able to monitor all aspects of the replication and automate disaster recovery. It is also a superb choice for an initial migration into Azure. With Azure Backup, both the Azure-based VMs and on-premises environments can be backed up into the cloud for additional continuity and peace of mind.

## TECHNICAL DETAILS

Azure Backup Center offers snapshot backups of virtual machines that have crash or application-level consistency as well as a virtual air-gapped vault backup system that can be configured with policies on scheduling, frequency, and retention of backups. Backups can also be geo-replicated across multiple Azure regions and can be quickly restored from a snapshot or copied from the vault.

Azure Site Recovery can assist with disaster recovery and is a product from Microsoft Azure designed to replicate workloads from on-premises or cloud-based VMs. It also supports failover from a primary site to a secondary site during an outage. Site Recovery can replicate Azure VMs between regions and can also replicate VMware and Hyper-V VMs, including physical servers, from on-premises to Azure. It also supports failover from Windows Amazon Web Services VMs.

Azure Backup also supports SQL Server, Azure Files, Blobs and Managed Disks backup, Azure disaster recovery, and physical/VMware disaster recovery scenarios.

Previously with Azure Backup Center, backup jobs, restores, monitoring, and logging had to be managed from individual Azure Site Recovery Vaults per region or subscription. The new update to Azure Site Recovery, now generally available, shows all backup jobs and replication jobs across regions. 🌐

FIG. 1 Azure Site Recovery Job Monitoring

Workload name	Operation	Status	Type
AZNCLAB02	Backup	In progress	Azure Virtual Machine
AZNCLAB01	Backup	In progress	Azure Virtual Machine
AZNCLAB02	Configure backup	Completed	Azure Virtual Machine
AZNCLAB01	Configure backup	Completed	Azure Virtual Machine



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