



## AZURE ANNOUNCEMENTS NEWSLETTER

July 23<sup>rd</sup>, 2021 – July 29<sup>th</sup>, 2021

### Announcements Summary

<a href="#">Azure Active Directory</a>	Preview Features – 1 Update
<a href="#">Express Route</a>	Region Updates – 1 Update
<a href="#">Site Recovery</a>	Updated Features – 1 Update
<a href="#">Sphere</a>	General Availability – 1 Update Updated Features – 1 Update
<a href="#">Storage</a>	Preview Features – 1 Update
<a href="#">Stream Analytics</a>	General Availability – 1 Update
<a href="#">Virtual Desktop</a>	Region Updates – 1 Update
<a href="#">Virtual Machines</a>	General Availability – 1 Update
<a href="#">VMWare Solution</a>	General Availability – 1 Update

Total Announcements: 10

## Announcements Details

### Azure Service: Azure Active Directory

#### Preview Feature

We are announcing the public preview for Azure Active Directory (Azure AD) support for Azure Relay. With this, Azure Relay is supporting another way of authentication and authorization via Azure AD in addition to Shared Access Signatures (SAS). Azure AD integration for Azure Relay resources provides Azure role-based access control (Azure RBAC) for fine-grained control over a client's access to resources. Authorizing users or applications using OAuth 2.0 token returned by Azure AD provides superior security and ease of use over shared access signatures (SAS). With Azure AD, there is no need to store tokens in your code and risk potential security vulnerabilities. We recommend that you use Azure AD with your Azure Relay applications when possible.

Announcement: [Azure Active Directory support for Azure Relay now in public preview | Azure updates | Microsoft Azure](#)

Documentation: [Azure Relay authentication and authorization - Azure Relay | Microsoft Docs](#)

### Azure Service: Express Route

#### Region Update

We are announcing 3 new peering locations available for ExpressRoute: Campinas Sao Paulo2 Dublin2. With this announcement, ExpressRoute is now available across 79 global commercial Azure peering locations.

Announcement: [General availability: Azure ExpressRoute: 3 New Peering Locations Available | Azure updates | Microsoft Azure](#)

Documentation: [Locations and connectivity providers: Azure ExpressRoute | Microsoft Docs](#)

### Azure Service: Site Recovery

#### Updated Feature

Azure Site Recovery update rollup 56 is now available. This update provides the following improvement for the latest versions of the Azure Site Recovery components. It also provides fixes for known issues. Microsoft Azure Site Recovery (Services)—Made improvements so that enabling replication and re-protect operations are faster by 46%. Microsoft Azure Site Recovery (Portal)—Replication can now be enabled between any two Azure regions around the world. You are no longer limited to enabling replication within your continent.

Announcement: [Azure Site Recovery update rollup 56 is now generally available - July 2021 | Azure updates | Microsoft Azure](#)

Documentation: [Update rollup 56 for Azure Site Recovery -KB5005376 \(microsoft.com\)](#)

## Azure Service: Sphere

### General Availability

General availability: Azure Sphere version 21.07

Announcement: [General availability: Azure Sphere version 21.07 | Azure updates | Microsoft Azure](#)

Documentation: [What's new - Azure Sphere | Microsoft Docs](#)

### Updated Feature

Azure Sphere SDK version 21.07 Update 1 is now published and available for download. The previous 21.07 SDK released earlier this month incorrectly removed some deprecated parameters from the Azure Sphere CLI. The 21.07 Update 1 SDK reinstates these deprecated parameters to the CLI for backward compatibility purposes.

Announcement: [Azure Sphere SDK version 21.07 Update 1 is now available | Azure updates | Microsoft Azure](#)

Documentation: [Azure Sphere OS feeds - Azure Sphere | Microsoft Docs](#)

## Azure Service: Storage

### Preview Feature

Immutable storage with versioning for Blob Storage is now available in preview. Immutable storage provides the capability to store data in a write once, read many (WORM) state. Once data is written, the data becomes non-erasable and non-modifiable, and you can set a retention period so that files can't be deleted until after that period has elapsed. Additionally, legal holds can be placed on data to make that data non-erasable and non-modifiable until the hold is removed. Immutable storage with versioning adds the capability to set an immutable policy on the container or object level. It also allows for the immutable protection of all past and current versions of any blob.

Announcement: [Immutable storage with versioning for Blob Storage is now in public preview | Azure updates | Microsoft Azure](#)

Documentation: [Overview of immutability storage for Blob Storage - Azure Storage | Microsoft Docs](#)

## Azure Service: Stream Analytics

### General Availability

Azure Stream Analytics Tools for Visual Studio Code is now general available. You can write code with rich IntelliSense to create your Azure Stream Analytics project and easily use the built-in Git support from VS Code for source control. You can also define local sample data or a live stream as input to test your job locally. Now this tool also provides Job Monitor which has an intuitive UI integrating job diagrams, metrics, diagnostic logs, activity logs, and intermediate results. It helps you quickly isolate the source of a problem and gives you lightweight experience for managing your jobs.

Announcement: [General Availability: Azure Stream Analytics Tools for Visual Studio Code | Azure updates | Microsoft Azure](#)

Documentation: [Quickstart - Create an Azure Stream Analytics job in Visual Studio Code | Microsoft Docs](#)

## Azure Service: Virtual Desktop

### Region Update

Azure Virtual Desktop is now in public preview in Azure China Cloud, along with the Azure portal integration. With the Azure portal integration, you get a simple interface to deploy and manage apps and virtual desktops. Host pool, workspace, and all other objects you create are Azure Resource Manager objects and are managed the same way as other Azure resources. You can provide fine-grained access to Azure Virtual Desktop resources using role-based access control, publish remote apps and desktops to AAD groups instead of individual users, and troubleshoot issues faster with Azure Monitor.

Announcement: [Public preview: Azure Virtual Desktop is now available in the Azure China cloud | Azure updates | Microsoft Azure](#)

Documentation: [What is Azure Virtual Desktop? - Azure | Microsoft Docs](#)

## Azure Service: Virtual Machines

### General Availability

Start VM on Connect will help you optimize the costs of your deployment. Instead of predicting when the VMs need to be available for your users, give them the power to turn on a deallocated or stopped VM to meet flexible demand. This new feature that will turn on a shutdown or deallocated VM in a Azure Virtual Desktop host pool when you a user tries to connect to it. You could always set policies to shut down idle VMs and save cost - but with the Start VM on connect capability you can now also ensure that those VMs are available to your users if needed.

Announcement: [Start VM on connect capability in Azure Virtual Desktop enters general availability | Azure updates | Microsoft Azure](#)

Documentation: [Start virtual machine connect - Azure | Microsoft Docs](#)

## Azure Service: VMWare Solution

### General Availability

VMware Site Recovery Manager (SRM) is a disaster recovery solution that enables customers to minimize downtime of their virtual machines in case of a disaster. SRM has been a popular solution for customers with on-premises VMware environments, and with this announcement, customers can now leverage those same capabilities with Azure VMware Solution. SRM for AVS automates and orchestrates failover and failback between an on-premises environment and AVS, or between two AVS sites, ensuring protection from a disaster. In addition, built-in non-disruptive testing ensures recovery time objectives are met. Overall, SRM for AVS simplifies management through automation and ensures fast and highly predictable recovery times. SRM helps you plan, test, and run the recovery of VMs between a protected vCenter Server site and a recovery vCenter Server site. You can use SRM with Azure VMware Solution with the following two DR scenarios: On-premises VMware to Azure VMware Solution disaster recovery Primary Azure VMware Solution to Secondary Azure VMware Solution private cloud disaster recovery SRM is licensed and supported directly from VMware but using your existing product license key we have simplified the extension of SRM to AVS through an in Azure Portal experience. Now using the navigation menu in your Azure VMware Solution private cloud, you can install VMware SRM with vSphere Replication as an add-on service. Simply select VMware Site Recovery Manager (SRM) – vSphere Replication, from the Disaster Recovery Solution drop-down, and follow the prompts.

Announcement: [VMware Site Recovery Manager is now generally available for Azure VMware Solution | Azure updates | Microsoft Azure](#)

Documentation: [Deploy disaster recovery with VMware Site Recovery Manager - Azure VMware Solution | Microsoft Docs](#)