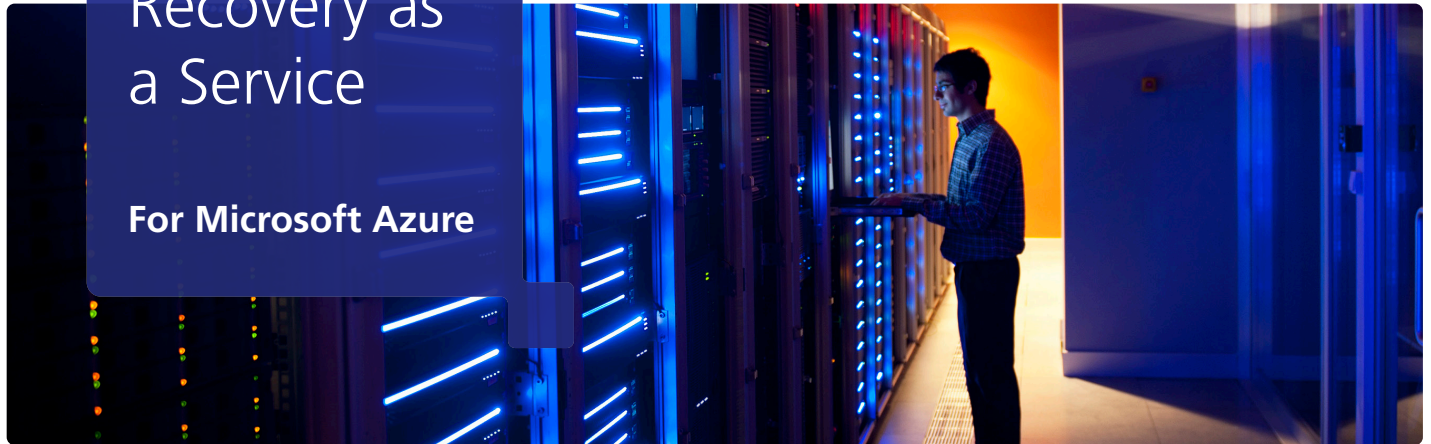


Disaster Recovery as a Service

For Microsoft Azure

RICOH
imagine. change.



Reliable protection of your data with faster recovery and zero complexity.

As the sophistication of business applications increase, so to does the need to protect your critical data beyond the premises of your IT infrastructure. Ricoh's Disaster Recovery as a Service (DRaaS) offering provides a turnkey data protection and recovery solution for Microsoft Azure customers of all sizes.

Simplify your infrastructure via the cloud

Ricoh DRaaS for Microsoft Azure is a fully managed service offering that ensures rapid recovery of business-critical applications, minimal data loss, and continued operations in the event of a disaster or systems failure.

DRaaS enables the full replication and backup of all data, applications and workloads to a secondary infrastructure in the cloud that becomes available to users when primary systems fail. This secondary infrastructure becomes the new systems environment and allows an organization and users to continue with daily business processes while the primary system undergoes repair.

Increase recovery objectives by application

Loss of data and downtime is something today's businesses cannot afford. In many cases however, there is not a need for immediate recovery for all applications, and doing so can be cost prohibitive. Ricoh's DRaaS allows you to reduce your recovery point (RPO) and recovery time objectives (RTO) while establishing application specific goals so you can meet the needs of your specific business environment versus a one-size fits all approach.

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A trusted partner for your trusted technology

Ricoh is a proud Microsoft Gold Technology Partner, with expertise in a variety of solutions including:

- Cloud Platform
- Cloud Productivity
- Application Development
- Datacenter
- Data Analytics
- Windows and Devices
- Small and Midmarket Cloud Solutions

How it works

Ricoh DRaaS for Azure utilizes Microsoft Azure Active Site Recovery (ASR) services to perform the synchronization and connection between the customer production environment and the Azure backup server infrastructure.

Ricoh will set up and manage a local Process Server (physical or virtual) to serve in proxy, replication and master target server roles. Ricoh will also set up a secured VPN Gateway from the Ricoh data center to Azure for communication between the Process Server and Azure Site Recovery services. This allows for fail-over in outages that limits the time that production servers are unavailable, and then fail-back to the product environment when those servers are back online.

As part of the “as a service” engagement model, Ricoh provides setup, and 24x7 monitoring and management of the ASR services. Ricoh will also utilize network management tools to monitor and alert on the availability of the connection, and will respond to a VPN outage alert with resources assigned to bring it back to an online status.

Benefits of an “as a service” engagement

DRaaS gives the benefits of business continuity while removing the burden of configuring and maintaining hardware and software, and provides a trusted partner to assist in the recovery of your data in the event of a failure.

In addition, customers who are looking to move some of their operations to the cloud can take advantage of a scalable OPEX model while adding additional security through offsite services.

Service Specifications

Included with Ricoh DRaaS for Microsoft Azure

Azure ASR service for 1 site instance, 1 Azure endpoint, 1 TB of Locally Redundant Storage (Standard and Premium options), and 1 million queries/month

Standard VPN Gateway with 5 GB of data transfer/month

Ricoh hosted Process Server (hosted in Eastern U.S. region)

Monitoring and management of fail over processes from the customer environment to Azure

Verification that all servers and connection are online in Azure and communicating properly

Optional add-on services

Geo-Redundant storage (Standard and Premium)

Azure ExpressRoute connection

Azure Backup Domain Controller

Site Recovery testing on a pre-defined schedule with fail-over and fail-back to either a Sandbox environment or full Production test



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