



# IBM Z Mainframe Disaster Recovery as a Service (DRaaS) with Global Mirror

## WHAT IS RECOVERY POINT DRaaS FOR IBM Z MAINFRAME?

Recovery Point DRaaS for IBM Z Mainframe is a Disaster Recovery as a Service (DRaaS) offering that uses IBM's Global Mirror replication technology to maintain identical data in both the source and target volumes to provide data protection and disaster recovery for all of your IBM Z workloads. The service replicates the data between two sites, over extended distances, and also forms consistency groups at regular intervals allowing a clean recovery of your applications.

Recovery Point DRaaS for IBM Z Mainframe provides a scalable, cloud-based storage replication solution that provides data integrity and data consistency with minimal performance impact on the applications at the primary site. It is implemented using IBM DS8000 series storage systems at both sites using Copy Services Manager and can be augmented with replicated virtual tape backup systems such as the IBM TS7760.

Recovery Point DRaaS for IBM Z Mainframe is available as an Assisted or Fully Managed Service, with 24x7 access to highly credentialed support staff. Hybrid configurations combining your own hosted storage and/or compute with our INCloud infrastructure are supported. All services are delivered from Uptime Institute Tier III certified facilities.

For EMC customers, Recovery Point offers a functionally equivalent service using the EMC VMAX platform with SRDF for storage and Data Domain DLM virtual tape library technology for replicated backups. In addition, Recovery Point offers a full suite of DRaaS solutions for other platforms, including x86, AIX and IBM i so you only need one provider for all of your resilience needs.

## PERFORMANCE THAT MEETS YOUR NEEDS



Replication



Cloud Storage



High Availability

## WHAT DO YOU GET?

### KEY RESILIENCE FEATURES:

#### High-Speed Recovery

Upon a disaster declaration, virtually any size or number of LPARs, with any amount of compute and storage, can be IPL'd in minutes, depending upon total storage configuration. Network services can be preconfigured with our INCloud infrastructure to allow rapid user access to the system after the IPL.

#### Data Loss Avoidance

Real-time, consistent replication ensures changes to the primary system are recorded and applied to the storage at the target site, minimizing your RPO exposure to as little as seconds. Consistent copies of data at the disaster recovery site are created with no impact to applications at your local site. Automatic resync takes place in the event of network disruption to ensure continuous performance. Mainframe DRaaS can retain multiple snapshots per workload to maintain numerous recovery points in pre-defined increments. This means that you are not just protected against datacenter wide issues, such as hardware failures, power issues or natural disasters, you are also protected against logical failures such as database corruptions, viruses, ransomware and faulty application upgrades and user errors. Recovery Point can also provide multi-site backups in disparate geographies and Backup as a Service ("BaaS") whereby backups from remote copies of the data can be

saved to virtual or physical tape media or a cloud-based solution to provide "air-gap" security and a long term data archive at one of the Recovery Point tape vaulting locations.

#### Convenient Testing and Verified Recoverability

You can be assured that your files, applications and servers can be reliably validated when needed, with simple non-intrusive DR testing on temporary FlashCopy snapshots derived from the Disaster Recovery site target storage. The use of FlashCopy snapshots allow for data replication to continue and avoids the need for timely data resyncs after DR testing.

#### Total Solution Visibility

You always have complete visibility into your backup and server environments, via redundant solution management interfaces in both your production and recovery environments. Proactive monitoring and built-in email or SNMP alerts will help discover and resolve issues in your IT environment before they have a significant impact. You may also have the optional automation (CSM or GPDS or GDDR) enabled so that data replication is automatically restarted in the event of network outages.

#### Assured Recovery and Failback

Optional features include Hyperswap with GPDS or GDDR and support automatic, unattended failover and failback and can be done with automatic error detection.

## KEY SERVICE FEATURES

### Cost savings compared to software-based solutions

- Eliminate equipment ownership and obsolescence costs.
- Minimize ongoing monthly costs by acquiring many services on demand.
- Save time with rapid solution deployment via scalable cloud-based target storage.

### Fully Managed Service format

- Enjoy 24x7 direct access to Recovery Point's highly credentialed support staff.

### Flexible contract terms

- Scale up or scale down as your needs change.

### Proof that the solution works before you buy

- Our no-cost, proof-of-concept testing program establishes confidence in both the solution and our award winning services. You can "try before you buy."

## WHY CHOOSE DRaaS POWERED BY RECOVERY POINT?

- Over 20 years of recovery execution experience supporting complex IT environments

- Industry leadership recognized by the leading analysts

- Reliable, resilient solutions delivered from Uptime Institute Certified Tier III facilities.

- Support for large heterogeneous environments and legacy systems

- Low cost, national "Last Mile" network with equal access to over 700 carriers

## INDUSTRY RECOGNITION

Recovery Point named in the July 2018 Gartner Magic Quadrant for DRaaS, scoring the highest in Ability to Execute for the second consecutive year.

"Recovery Point is one of three vendors in this Magic Quadrant that has significant experience providing recovery for non-x86 workloads and mainframes. Of the three, Recovery Point proposals have been the most competitive by a significant margin when Gartner has performed side-by-side comparison contract reviews on behalf of Gartner clients."

[Gartner Magic Quadrant for Disaster Recovery as a Service, July 2018 \(source\)](#)

Recovery Point was the only provider to be scored among the three highest providers in all four use cases. Recovery Point received the highest product score (3.83 out of 5.0) for the Medium-Complexity Customer Environment use case, second highest (3.82 out of 5.0) for Small Enterprise Customer Environment, third highest (3.77 out of 5.0) for Midsize-Enterprise Customer Environment, and third highest (3.63 out of 5.0) for Low-Complexity Customer Environment.

[Gartner Critical Capabilities for Disaster Recovery as a Service, July 2018 \(source\)](#)

## RECOVERYPOINT

### ABOUT RECOVERY POINT

Recovery Point Systems is a nationwide leader in cloud-based business resilience services. Serving commercial organizations ranging from the Fortune 500 to SMBs, as well as Federal, state and local governments, Recovery Point delivers a comprehensive suite of IT resiliency and disaster recovery solutions for heterogeneous environments ranging from mainframe to desktops. Learn more at [www.recoverypoint.com](http://www.recoverypoint.com).