

One Production Array? No Problem.

Supporting Fully Managed Replication and Recovery of Mission-critical Data to the Cloud: Sungard Availability Services Recovery as a Service (RaaS) for EMC²

Sungard Availability Services (Sungard AS) Recovery as a Service (RaaS) for EMC² is a data replication and recovery solution delivered in a secure, enterprise-class cloud infrastructure. With Sungard AS RaaS for EMC², you can protect your mission-critical data and get faster access to it in the event of a disruption, so your applications remain up and running. You can replicate and recover your current VMAX/VNX infrastructure, so there's no need to invest in more hardware at a DR site.

Are you prepared?

A natural event like flood or fire, an unplanned disruption like a hardware failure, or even human error can compromise the information and mission-critical applications that are vital to your business. Cyberattacks, such as Distributed Denial of Service (DDoS) and Zero-Day exploits, not only can impact the reputation and credibility of businesses, but can also cause severe disruptions.

Whether your infrastructure is threatened by a natural disaster or a vulnerability strike, you must have access to the data that drives your business. Your company's survival depends upon being prepared.

Organizations that manage a disaster recovery program themselves typically build a duplicate copy of their entire production infrastructure at a second site, or they rent space in a co-location facility.

Regardless of which option you take, building a copy can provide rapid recovery, but it is time-consuming and cost-prohibitive. It requires investing in another VMAX/VNX storage array to pair with the original unit, with associated network and bandwidth costs. There may not even be enough bandwidth to back up locally. Plus, your overtasked IT staff may simply lack the expertise to confidently maintain (and regularly test) the disaster recovery program.

EMC²

Together, Sungard Availability Services and EMC² deliver fully integrated data protection as a service and disaster recovery as a service solutions:

- Experience the optimum mix of flexibility and scale.
- Take advantage of affordable pricing options.
- Leverage a tiered approach that matches the right availability solution to each application's recovery time and recovery point needs.



SUNGARD®
**AVAILABILITY
SERVICES™**

Get true continuity and resiliency.

Modernizing your business continuity/disaster recovery plan may be a priority, but managing it on your own requires significant investment in capital, time, and expertise that often just aren't available. And if you have a plan in place, do you test it frequently? Can you be certain that it will perform when you need it?

Sungard AS, a leader in disaster recovery services, and EMC², the leader in storage, security, and information infrastructure, have architected and pre-tested a recovery solution designed for today's modern data center. The Sungard AS Recovery as a Service (RaaS) solution is a unique, cost-effective recovery service that provides a level of performance comparable to what you experience in your data center.

- Get fully managed replication and recovery for mission-critical data housed on VMAX/VNX storage arrays.
- Ensure high availability of critical workload environments.
- Shift critical IT resources from mundane tasks related to disaster recovery planning—and focus on your business.

Get the right expertise.

Sungard AS has decades of experience in disaster recovery and knows the pitfalls that can arise from developing a disaster recovery plan on your own. In fact, both Forrester and Gartner have recognized Sungard AS as a leader in recovery as a service. EMC² is the known leader in external storage, Network-Attached Storage (NAS), and networked storage.¹

Your organization runs in a complex environment. Leave disaster recovery to the professionals.

Services Available with Sungard AS RaaS for EMC²:

A unique, highly engineered solution, Sungard AS RaaS for EMC² is the only service available today that supports fully managed recovery to the cloud for EMC² storage arrays.

Enterprise Storage Replication for EMC²: Enterprise Storage Replication (ESR) provides a replicated copy of all or part of an EMC² VMAX/VNX storage array, with the replicated data set residing in a Sungard AS data center. With this capability, you can quickly recover and resume business operations. ESR can be customized to fit your unique requirements and environment. You no longer need to pull together disparate disaster recovery solutions and deal with associated scripts and multiple dashboards, monitoring, and administration.

RecoverPoint Continuous Remote Replication (CRR): A key capability of ESR for EMC² is that it utilizes RecoverPoint CRR, an enterprise-class remote replication solution that delivers any-point-in-time recovery with complete protection from site disasters. Enterprise performance, scalability, and granular recovery

combine to guarantee data consistency with recovery that takes seconds or minutes instead of hours or days.

Recover2Cloud[®] for SRM[™]:

Sungard AS RaaS for EMC² leverages specialized recovery technologies, including Recover2Cloud for SRM[™] (Site Recovery Manager), for data replication on your shared VMAX/VNX storage array. This service speeds the recovery of large virtual environments and removes the burden of test management and disaster recovery.

Managed Recovery Program

(MRP): Sungard AS's Managed Recovery Program (MRP) can be added to the Enterprise Storage Replication for EMC² solution to provide a comprehensive managed application recovery solution. MRP integrates several of Sungard AS's Recovery Services to provide the highest level of protection, helping to ensure that you can recover your critical systems and application data from unplanned disruptions or disasters.

Managed Internet Access with DDoS and Zero-Day Protection:

Sungard AS Managed Internet Access provides high-performance, highly reliable "always on access" Internet service with 99.99% availability SLA. It provides a reliable network connection through Sungard AS MPLS (Multiprotocol Label Switching) backbone with auto detection and mitigation of Distributed Denial of Service (DDoS) attacks and Zero-Day exploits, backed by a team of certified experts to handle all monitoring and issue resolution.



Put working capital to better use.

Your data volume is growing rapidly, putting you at greater risk of exposure to potential loss. Meanwhile, IT budgets are shrinking, and resources are constrained between business-focused projects and other critical IT initiatives.

Managing a disaster recovery initiative on your own can result in significant cost. Sungard AS RaaS for EMC² takes the planning of disaster recovery off your hands and provides peace of mind. Our recovery experts will create a recovery plan, execute recovery testing, and manage the recovery lifecycle to ensure seamless recovery.

And there is no need to invest in a new storage unit to pair with your current VMAX/VNX unit. You can focus resources on your business's growth, not on day-to-day IT.

Sungard AS RaaS for EMC² services include:

- Secure, highly available cloud infrastructure
- Enterprise Storage Replication (ESR) for EMC²
- Recover2Cloud for SRM™ (Site Recovery Management)
- Managed Recovery Program (MRP)
- Managed Internet Access with DDoS and Zero-Day Protection

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Avoid additional investments in software, maintenance, space, power, hardware and storage capacity, and labor. Save between 20-30% in direct costs.*

Pay as you go.

Sungard AS RaaS for EMC² is based on a pay-as-you-go model that eliminates the need for substantial capital outlays for additional storage arrays.

It's a flexible solution, so you can start with the capacity you need and add more as you grow. Align your performance needs with the appropriate feature set. Store any amount of data at a highly competitive cost-per-gigabyte price. Pay only for what you use. Pricing can be preset for the entire term of the contract, which means no surprises on cost overruns.

Features:

- Delivers a fully managed data protection service optimized to work with EMC² VMAX/VNX storage infrastructure at the source.
- Presents a similar performance model to what you would experience in your own data center.
- Provides remote access to your environment.
- Creates a second copy of your mission-critical data for test and development use.
- Supports multi-platform recovery through a performance-tiered storage pool design.
- Enables tape-free data protection for less risk, greater reliability, and faster recovery.
- Provides WAN optimization for lower bandwidth costs.
- Delivers fast, secure integration with your production environment, 24 x 7 monitoring by experts, and hassle-free recovery.
- Gets you up and running in less than four hours through non-disruptive test and seamless failover.



Benefits:

- Reduces complexity through simplified storage design that focuses on enterprise disaster recovery.
- Moves you from unreliable tape backup, improving performance and efficiency.
- Produces a Recovery Time Objective (RTO) on average of less than four hours and realizes a short Recovery Point Objective (RPO) of 15 minutes on average.
- Guarantees that contracted SLAs will be met or exceeded.
- Gives you the freedom to scale the capacity you want, how you want it, and when you want it.
- Shifts cost from CAPEX to predictable monthly OPEX, saving on Total Cost of Ownership (TCO).
- Realizes economies of scale and reliability that would not be possible by just purchasing more hardware.
- Frees up your primary environment for production and first-tier storage requirements.

Get secure data replication and recovery.

With Sungard AS Recovery as a Service (RaaS) for EMC², you get a low-risk, cost-effective, secure data replication and disaster recovery solution that leverages your production environment, frees up your IT team, and delivers the SLAs and RTO/RPO your business requires—without additional CAPEX.

About Sungard Availability Services

Sungard® Availability Services™ (Sungard AS) has more than 30 years of experience providing flexible availability services that help ensure organizations keep applications always on and always available. The company leverages its proven expertise to provide managed IT services, information availability consulting services, business continuity management software, and disaster recovery services to clients in North America, Europe, and India. Sungard AS helps customers improve the resiliency of their mission-critical systems by designing, implementing, and managing cost-effective solutions using people, process, and technology to address enterprise IT availability needs.

To learn more, visit www.sungardas.com or call 1-888-270-3667.

About EMC²

EMC² Corporation is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC² accelerates the journey to cloud computing, helping IT departments to store, manage, protect, and analyze their most valuable asset—information—in a more agile, trusted, and cost-efficient way. Additional information about EMC² can be found at www.emc.com.

To learn more, visit www.emc.com or call 1-866-438-3622.

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