Protect OSS/BSS Apps with Disaster Recovery as a Service

Maintain Business Continuity and Minimize Downtime for Telecom Services with VMware Cloud on AWS

DISASTER RECOVERY AS A SERVICE ON VMWARE CLOUD ON AWS

• Replicate your infrastructure in VMware Cloud on AWS to protect OSS/BSS applications in fail-safe mode.

• Combine cost-effective cloud storage with a simple SaaS-based management console for IT resiliency and streamlined operations at scale.

• Protect the data of OSS/BSS applications, including customer profiles, billing, and network configuration.

• Recover quickly and resume operations after a disaster or cyberattack.

• Receive automatic health checks and daily integrity verification to ensure data readiness and faster production-level recoveries.

Communication service providers are extending their current offerings and introducing innovative services to accelerate revenue growth. This objective requires establishing processes that allow business continuity during a disaster, especially for operations support systems and business support systems, or *OSS/BSS*.

CSPs heavily rely on OSS/BSS applications to manage networks, activate services, and handle customer interactions. Downtime can disrupt these critical functions, leading to service outages and customer dissatisfaction. Including a robust disaster recovery solution as part of an established company strategy is essential to maintaining the continuity of revenue-generating services through the correct functioning of OSS/BSS applications.

VMware Cloud Disaster Recovery Optimized for VMware Cloud on AWS

Disaster Recovery as a Service on VMware Cloud on AWS reduces recovery costs and accelerates recovery times. VMware Cloud Disaster Recovery furnishes an on-demand disaster recovery as a service (DRaaS) optimized for VMware Cloud on AWS.

Disaster Recovery as a Service (DRaaS) with VMware Cloud on AWS replicates your infrastructure in VMware Cloud on AWS, protecting servers, storage, and networking along with their OSS/BSS applications in a fail-safe mode.

Many IT teams, however, need help planning, deploying, and maintaining disaster recovery plans because of the high costs or operational complexity of executing the recovery service. *VMware Cloud Disaster Recovery* enables you to overcome these challenges and simplify your recovery strategy, empowering you to minimize interruptions and keep your business running.

Safeguarding OSS/BSS applications

Disaster Recovery as a Service on VMware Cloud on AWS can help protect your OSS/BSS applications. Unlike traditional disaster recovery solutions for business-critical IT network applications, VMware Cloud can accelerate time-to-protection and reduce DR site costs while providing a DR site that is operationally consistent with the production site.

DRaaS on VMware Cloud on AWS delivers on-demand disaster recovery (DR) for the teams responsible for IT infrastructure and services resiliency. It also helps security and compliance teams ensure operations can resume after a disaster event. It is delivered as a software-as-a-service (SaaS) solution.

DRaaS on VMware Cloud on AWS combines cost-efficient cloud storage with simple SaaS-based management for IT resiliency at scale. You benefit from consistent, familiar VMware operations across production and disaster recovery sites, a pay-on-demand capacity and elasticity model for DR resources, and instant power-on capabilities for fast recovery after disaster events.

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• **Data protection**: OSS/BSS applications store a large amount of key data, including customer profiles, billing, and network configuration. DRaaS on VMware Cloud on AWS protects data from any disturbance.

• **Service continuity**: You can continue delivering services to clients by safeguarding access to systems.

• **Customer experience**: Customers expect uninterrupted connectivity and quick issue resolution. Downtime in OSS/BSS applications can delay customer inquiries, service activation, and fault resolution. A DR solution enables you to maintain processes critical for customer functioning.

Implementing a Successful Disaster Recovery Strategy

When building a disaster recovery strategy, you should keep the following considerations in mind:

1. Build a business case for disaster recovery services in the cloud. Clearly articulate and quantify why you want to move disaster recovery services to the cloud, including cost reduction, time to value, performance benefits, and operational improvements.

2. Identify the right disaster recovery platform for your network needs. Identifying the right disaster recovery platform and recognizing blind spots will help you make the right investments. You should select the platform that fits the requirements and SLAs for of your workloads. Consider the effort needed to learn new skills. Finally, understand the costs and risks of each DR platform that you are considering: storage, recovery plans, cost of operating on-premises software versus a SaaS cloud model, staff training, and so forth.

3. Execute a disaster recovery plan with confidence. When you understanding the complexity of disaster recovery plans in relation to the overall risk to business operations, you can identify the best candidate for a disaster recovery platform to support your company's initiatives.

Unlock the Power of VMware Cloud on AWS DRaaS

DRaaS on VMware Cloud on AWS eliminates the high operational complexity and costs associated with traditional disaster recovery solutions, empowering you to focus on what matters most: keeping your services running. Here is what Disaster Recovery as a Service on VMware Cloud on AWS can do for you:

• **Simplify operations**: A SaaS-based management console streamlines DR maintenance operations.

• **Reduce costs**: VMware Cloud Disaster Recovery provides a highly efficient storage layer in the cloud to lower the cost of DRaaS. It lowers costs because you pay only for data that is being protected.

• **Improve consistency**: Consistent VMware operations, continuous health checks, and automated reporting. No retraining of staff or revamping of operational processes.

• **Increase reliability**: Automatic health checks and daily integrity verification ensures data readiness and faster production-level recovery.

By implementing a successful disaster recover service with Disaster Recovery as a Service on VMware Cloud on AWS, you can protect business-critical OSS/BSS applications from disruptions, data loss, and poor customer experience.

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