CLOUD-BASED RECOVERY

IT disasters such as data center failures, server corruptions, or cyber attacks can not only disrupt your business, but also cause data loss, impact your revenue, and damage your reputation. CloudEndure Disaster Recovery minimizes downtime and data loss by providing fast, reliable recovery of physical, virtual, and cloud-based servers into AWS Cloud, including public regions, AWS GovCloud (US), and AWS Outposts. You can use CloudEndure Disaster Recovery to protect your most critical databases, including Oracle, MySQL, and SQL Server, as well as enterprise applications such as SAP.

CloudEndure Disaster Recovery continuously replicates your machines (including operating system, system state configuration, databases, applications, and files) into a low-cost staging area in your target AWS account and preferred Region. In the case of a disaster, you can instruct CloudEndure Disaster Recovery to automatically launch thousands of your machines in their fully provisioned state in minutes.

By replicating your machines into a low-cost staging area while still being able to launch fully provisioned machines within minutes, CloudEndure Disaster Recovery can significantly reduce the cost of your disaster recovery infrastructure.

REDUCE DOWNTIME AND PROTECT AGAINST DATA LOSS

Unlike snapshot-based solutions that update target locations at distinct, infrequent intervals, CloudEndure Disaster Recovery provides asynchronous, continuous replication. This enables Recovery Point Objectives (RPOs) of seconds. Automated machine conversion and orchestration enable Recovery Time Objectives (RTOs) of minutes. You can meet these stringent recovery objectives even for your largest write-intensive workloads.

SIMPLIFY IMPLEMENTATION AND INCREASE RELIABILITY

CloudEndure Disaster Recovery’s automated failover and failback technology minimizes time-intensive and risky manual process during recovery. This decreases the likelihood of human error and improves reliability. CloudEndure also provides automation that makes it fast and easy to set up, maintain, monitor, and test your disaster recovery processes. Not only does this simplify implementation, it also means that you can easily conduct frequent non-disruptive drills, validate your recovery processes and objectives, and make any necessary fixes to increase reliability.
DECREASE YOUR TCO

Traditional disaster recovery solutions require a costly set of duplicate IT resources, including hardware, compute, storage, networking, and software licenses. CloudEndure Disaster Recovery replicates your workloads into a low-cost staging area in your preferred AWS Region, which reduces compute costs and the need for duplicate OS and third-party application licenses. You pay for fully provisioned workloads only in an actual disaster or drill.

PROTECT YOUR DATA

In the event of a ransomware attack, use CloudEndure Disaster Recovery to launch an unencrypted, uncorrupted version of your servers on your target AWS Region. CloudEndure Disaster Recovery provides point-in-time recovery, which enables failback to a recovery point from before the attack. This minimizes data loss and enables the quick return to normal operations. Learn more about ransomware recovery.

THE NWRDC ADVANTAGE

The Northwest Regional Data Center (NWRDC) is pleased to partner with AWS to provide its CloudEndure Disaster Recovery Solutions at competitive rates. Serving public and not-for-profit entities for over forty-five years, NWRDC is one of Florida’s leading computing providers for government and educational communities. Their status as an auxiliary of Florida State University allows public entities to contract directly with them for a number of IT support solutions without engaging in a lengthy procurement bid process. Contact NWRDC today to see how AWS’ Cloud solutions can benefit your organization.

CONTACT US

For more information about NWRDC’s partnership with AWS please contact them at info@nwrdc.fsu.edu or 850-645-3500.

For complete service offerings and rates, please refer to http://www.nwrdc.fsu.edu/servicecatalog.

Benefits of CloudEndure Disaster Recovery

CloudEndure Disaster Recovery enables organizations to quickly and easily shift their disaster recovery strategy to AWS from existing physical or virtual data centers, private clouds, or other public clouds, in addition to supporting cross-region disaster recovery in AWS. Users will benefit from:

• Significant reduction in total cost of ownership (TCO) compared to traditional disaster recovery solutions
• Sub-second Recovery Point Objectives (RPOs)
• Recovery Time Objectives (RTOs) of minutes
• Support for any source infrastructure and any workload, including critical databases such as Microsoft SQL Server, Oracle, and MySQL, and enterprise applications such as SAP
• Automated failover to target AWS Region during a disaster
• Point-in-time recovery, enabling failover to earlier versions of replicated servers in cases of data corruption, ransomware, or other malicious attacks
• One-click failback, restoring operations to source servers automatically
• Unlimited, non-disruptive disaster recovery drills