

# DATA PROTECTION DISASTER RECOVERY



www.cocre8.com

## CUSTOMER CHALLENGES

Customers face many disaster/damage recovery (DR) landscape-related design and operations challenges. Of these, the most important is the audit requirement of business continuity when recovering data. (Audit requirements: System recovery, business continuity and risk mitigation.)

A traditional DR approach where recovery from tape or other media is assessed on a quarterly basis against ever-changing DR process documentation is risky and archaic. Protecting data and having a backup strategy is a necessity, since traditional data protection approaches no longer keep pace with IT complexity and growing threats.

### CHALLENGES INCLUDE

- Maintenance costs are typically high, with backup, recovery tools, long-term data centres and skilled employee salaries decreasing the return on investment.
- Complexities in building, testing and recovering across multiple underlying architectures, disparate operating systems and hypervisors are time-consuming and introduce errors.
- Workloads have different requirements, creating complex backups and recovery.
- Backup and DR as grudge purchase that consumes CapEx budgets.

## THE SOLUTION



CoCre8 Technology Solutions offers a range of solutions that ensure your organisation's data is secure, accessible and always on during DR.



Our data protection solutions use native protection features to back up your data to the object storage of your choice (i.e., on-prem or in the Cloud).



Whether your data exists on-prem, in Private or Public Cloud as well as across all platforms, we create tailored solutions that suit your needs to remove complexities associated with DR; increase compliance, and curb cyber threats and fight ransomware.



Remove complexity, increase compliance, fight ransomware and curb cyberattacks.

## CLIENT BENEFITS

- ✓ Ensure your business' backup is replicated so that business can continue during recovery.
- ✓ Be confident that your data is secure without sacrificing application performance, while production continues at the DR site.
- ✓ No need to keep physical hardware and a DR site – have the flexibility to move DR providers.
- ✓ Have more infrastructure resources to manage scale and protect data through location diversity, all with minimal architecture changes.
- ✓ Prevent operations halting as well as avoid lost productivity and damage to your reputation with an effective DR strategy.
- ✓ Use a consumption-based Cloud model as a practical alternative to on-prem solutions.
- ✓ Moving DR operations to the Cloud removes the need for data centre space, while storage and compute infrastructure is optimised, resulting in cost savings and flexibility.
- ✓ IT teams continue to control and align the levels of data performance, protection and security across on-prem data centres and Public Cloud infrastructures by implementing a Hybrid Cloud.

## With Cloud-based DR, you can:

- Meet recovery point and time objectives by storing data in a secure, remote, online facility that recovers data faster than tape.
- Replicate data and quickly fail over to a Cloud site when an outage occurs.
- Get flexibility and cost savings by paying for your DR applications only if a site or system fails.
- Instantly resize storage capacity as your data requirements change.
- Reduce Cloud Compute costs by shutting down instances when they are not in use.

## WHY CoCre8?

✓ CoCre8 has long-standing experience (over 25 years) with a Fujitsu and NetApp legacy. We offer design, implementation and ongoing support for your data protection needs.

- ✓ Our comprehensive data protection solution helps you avoid DR failures with data protection and replication technologies that are less-expensive, more-effective and quick to recover, no matter where your data exists.
- ✓ We partner with the world's leading storage, compute, data protection and Cloud solution providers.

## SOLUTION FEATURES

☁ Cloud-based DR with NetApp Cloud Volumes ONTAP (CVO) enables easy and flexible tiering, replicating and cloning of data – taking advantage of built-in efficiency technology that saves space and money.

👤 Software-only data management service (i.e., CVO) with Enterprise-class storage features and protocol support (iSCSI, NFS and SMB) for AWS, Azure and Google Cloud.

🔍 NetApp Cloud Insights gives you visibility into your complete Multi-Cloud and -vendor infrastructure.

💡 NetApp Active IQ provides artificial intelligence insights into your NetApp systems' health, including predictive risk models for systems that are reaching performance or capacity limits. NetApp Active IQ Unified Manager helps you check the health, availability, capacity, performance and data protection status of your on-prem NetApp AFF and FAS systems.

🌐 NetApp Global Services Data Protection and Security Assessment uncovers risk exposure, security gaps and vulnerabilities in ONTAP.

📄 VMware Cloud DR is VMware's on-demand DR service that delivers an easy-to-use Software as a Service solution and offers Cloud economics to help control your DR costs.

### CLIENTS



Public Sector



Small and medium-sized enterprises

### PRODUCTS



Active IQ, Cloud Backup, Cloud Insights, Cloud Volumes ONTAP



VMware Cloud Disaster Recovery™



COMMAVAULT®

VEEAM



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