Microsoft Azure

Insight. Cloud + Data Center Transformation

Solution Brief

Azure Disaster Recovery Proof of Concept

Accelerate the development of your cloud-based disaster recovery strategy

Business continuity has always been a top priority for IT organizations. It is even more critical in today's competitive business climate. Fail to get back online and productive quickly after an incident and you risk losing market share to your competitors.

With a cloud-based strategy, you can increase the speed, agility, and cost-effectiveness of your disaster recovery (DR) processes. The Azure Disaster Recovery Proof of Concept helps you validate your ability to implement a cloud DR strategy by testing a solution using a single application.

Ensuring readiness and resiliency

To ensure that your organization is prepared to deal effectively with any kind of disruption — system failure, cyber-attack, natural disaster — you not only have to develop a thorough DR strategy, you also have to confirm — before it is actually needed — that the strategy will execute as designed.

The Azure Disaster Recovery Proof of Concept is a real-world demonstration of how your organization can capitalize on the Microsoft® Azure® public cloud to host your DR capabilities. It provides your team with an understanding of the architecture and function of an Azure-based solution, and how it can provide operational resiliency in the event of an adverse event.

Why CDCT

25+ years
of experience in data center transformation

Extensive expertise in data protection and business continuity

Comprehensive approach to DR addressing people, processes, technology

Deep knowledge of leading storage technologies from providers like

NetApp STAR PARTNER · Hitachi Vantara · VERITAS · PURE STORAGE

Close adherence to best practices
from Disaster Recovery Institute International (DRI)

Microsoft

Microsoft Azure Circle Partner

Largest Azure partner

Dedicated team
of Azure technical solution advisors

No. 1 Office 365® net cloud seats sold

Microsoft Azure

From analysis to management

The Disaster Recovery Proof of Concept takes place in four stages:

Analyze and plan

- Gather requirements including RTO/RPO objectives and business criticality
- Conduct a DR workshop
- Review server/application details and select five virtual machines
- Conduct high-level review of client infrastructure and cloud connectivity

Design and build

- Design Azure environment based on requirements and objectives
- Complete prerequisites
  - Azure Site Recovery installation/configuration
  - Deploy Azure networking, DC, traffic manager
  - Create custom scripts and automation
- Deploy ASR to protected on-premises infrastructure
- Verify and test DR functionality of as-built environment

Test, deploy, run, and manage

- Conduct failover/failback test between primary and secondary
- Develop documentation for as-built solution
- Review processes, controls, governance recommendations
- Provide best practices training and development resource references
- Document expected costs for as-built solution and projections for expanded coverage
- Recommend roadmap and remediation next steps for implementing comprehensive DR

Documenting your proven process

The Azure Disaster Recovery Proof of Concept provides two important results:

+ Server migration

  Successful migration of up to five Windows® servers to Azure in the timeframe allowed.

+ Migration process guide with architectural diagrams

  A document describing the high-level steps involved in replicating Windows servers from an on-premises VMware solution to the Azure cloud, and also presenting the architectural diagram of the solution.

Given the operational uncertainty that every organization faces today, it is essential to understand your DR options. Contact us to learn more about executing a proof of concept and the advantages of an Azure-based solution.

Meaningful solutions driving business outcomes

We help our clients modernize and secure critical platforms to transform IT. We believe data is a key driver, hybrid models are accelerators, and secure networks are well integrated. Our end-to-end services empower companies to effectively leverage technology solutions to overcome challenges, support growth and innovation, reduce risk, and transform the business.

Learn more at:
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