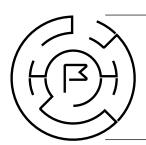


Ensuring round-the-clock availability of critical business applications is the key to any organization's success and agility. Generally, attempts to imbibe automation into business continuity and disaster recovery (DR) strategies fail due to complexities or lack of adequate skills to implement and maintain workflows.

80% of data center managers and operators have experienced some type of outage in the past three years.

Source: Uptime Institute

## Key challenges in disaster recovery



- Lack of adequate monitoring, ineffective management and misclassification of mission-critical workloads
- Complex DR designs that result in longer recovery times and adversely affect recovery time objective (RTO) and recovery point objective (RPO)

#### Eliminate DR issues with RecoverNXT

**HCLTech's RecoverNXT** offers end-to-end disaster recovery services across your enterprise infra landscape. The offering leverages tightly integrated features to perform native or tool-based replication across application layers.

RecoverNXT takes out the complexity and uncertainty from your IT landscape and provides the go-to solution to streamline and carry out disaster recovery as per customer-defined SLAs. It helps to mitigate unplanned outages with ease and ensures that critical applications are available even during disasters. It also enables infra design in a way that caters to all the unforeseen incidents and outages, thereby increasing uptime and decreasing losses.

#### RecoverNXT overview



# **DR** management

Provides managed DR solutions to build, operate and manage DR workflows and operations.

- a. DR maturity, gap or infrastructure assessment
- b. DR design implementation
- c. DR automation
- d. DR drill administration
- e. DR documentation



#### **Assessment**

- Understanding current DR strategy and roadmap
- BIA-based infrastructure and application categorization
- Identifying DR tiers and application grouping
- Assessing the application on its capability to move to DR Site
- Capturing application interdependencies/ infra services dependencies
- Capturing workflow sequencing and task automation across application components for DR



#### Design and plan

- Tool selection and its component sizing
- Finalizing the project scope (POC/pilot or actual deployment)
- Creating a phased approach for the implementation of DR solutions
- Identifying efforts and project timelines
- Customer acceptance and signoff



# Build and implementation

- Configuring the tools in prod and DR site
- Setting up the DR infra and its connectivity with prod
- Discovering and registering host on DR tool
- Application onboarding (grouping and configuration)
- Configuring recovery grouping and protection policies
- Automating DR workflows
- Testing DR drills
- Validating DR SLA mapping and reporting as per application tiering



#### Operate and signoff

- Documenting the DR runbook
- Sharing DR test reports
- Sharing knowledge with the BAU team to manage services
- Hyper-care support
- Handover/signoff from BAU
- Project closure and signoff from the customer

## **Key features**













Centralized DR management

Common monitoring window Multilayered DR strategy Cross-application grouping

SLA-based recovery plans

Automated DR workflow configuration

### **Benefits**

- 1. Supports stringent customer-defined RTO and RPO
- 2. Provides reliability through application grouping and consistent workflows
- 3. Enhances visibility within the DR environment
- 4. Provides tool-based automation and orchestration with customized workflow-based recovery
- 5. Supports modern workloads such as Kubernetes
- 6. A flexible commercial model with vendor-neutral solutioning approach



## Case studies



#### US-based food and beverage company

Transformed their disaster recovery strategy (DR) by providing a single-click orchestration for controlled application, bundled with an executive dashboard to monitor critical system DR-readiness.



Globally renowned logistics provider, headquartered in Germany

Moved their DR service to the cloud which resulted in consistent application performance and higher availability of services as well as significant reduction of DR RTO.

## Why HCLTech

- 1. Leader in all analyst reports for cloud (IDC, Everest Group, ISG, Avasant and Gartner)
- 2. Extensive experience in managing and deploying DR services across verticals
- 3. A dedicated center of excellence (CoE) lab for pre-validation of services before taking to the market
- 4. Robust partnership ecosystem with industry-leading OEMs
- 5. Large pool of certified engineers on DR specific tools

