Disaster Recovery Strategy for HCLS

CAYLENT
CATALYSTS™

Ensuring Continuous Patient Care & Research

The Risks of HCLS Data Disruptions

In healthcare and life sciences, maintaining uninterrupted access to clinical data and research information is critical, as disruptions can jeopardize patient care and research outcomes. Traditional disaster recovery solutions are costly, complex, and inflexible, requiring redundant systems across multiple locations. Without modern, cloud-native disaster recovery strategies, healthcare organizations face challenges in maintaining compliance, meeting recovery targets, and securing sensitive data.

Building Resilience for HCLS Organizations

Our Catalyst leverages AWS cloud services to create dependable, cost-effective disaster recovery solutions according to your organization's unique needs. We offer HIPAA-compliant, encrypted storage with multi-region failover, automated backup and restore capabilities, and compliance-focused security measures. Our scalable pricing model ensures that your resources can grow with your needs, all while protecting critical patient data and research, meeting regulatory standards, and enabling rapid recovery from disasters.

Key Activities

Workshop

Guided enablement session on AWS services and strategies, followed by a requirements mapping workshop to meet your DR and backup needs

Ideation

Ideation session to explore failure scenarios and recovery options, providing AWS DR services and architecture recommendations for one workload

Action Plan

Design AWS DR architecture recommendations, including a TCO estimate and implementation plan, with all related documents and artifacts provided

Highlights

➔ **Comprehensive DR Strategies:** Understand key disaster recovery strategies and architectures, including Backup & Restore, Pilot Light, Warm Standby, and Multi-site active/active

➔ **Tailored DR Goals & Architectures:** Define disaster recovery objectives around RTO/RPO, Multi-AZ, and Multi-Region

➔ **Testing & Validation:** Benefit from expert-led DR testing practices, including Gamedays and Chaos engineering with AWS Fault Injection Simulator

Deliverables

➔ **Architecture & Roadmap:** A customized DR architecture along with a prioritized roadmap based on targeted RTO and RPO objectives

➔ **Documentation & Artifacts:** All diagrams, source code, scripts, and templates developed throughout the engagement

➔ **TCO Estimate:** A detailed total cost of ownership (TCO) estimate for the recommended DR architecture

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