

# Disaster Recovery Solutions in United Private Cloud®

Engineered Resilience for Uninterrupted  
Business Continuity

What happens to your business when unexpected disruptions, such as cyberattacks, hardware failures, or natural disasters cause costly downtime and threaten your reputation?

Organizations today face mounting **disaster recovery challenges**, like managing complex IT environments, ensuring data integrity and consistency, controlling costs, and meeting stringent RTO and RPO amid an evolving threat landscape.

**UnitedLayer's Disaster Recovery Solutions** address these challenges by providing **rapid failover, customizable RPO/RTO, unified observability**, and expert support. This comprehensive approach protects critical workloads, fortifies **operational resilience**, and enables swift recovery to maintain business continuity, regardless of disruption.

# DISASTER RECOVERY STRATEGIES IN THE CLOUD

**Disaster recovery strategies** available to you within United Private Cloud® can be broadly categorized into three approaches, ranging from the low cost and low complexity of making backups to more complex strategies using multiple active regions.

## Active/Active (Hot Site)

Mirrors your live environment in real time

Synchronous load balancing between sites

Instant failover and zero downtime—ideal for mission-critical services

## Active/Passive (Warm Site)

Core processes are backed up and ready for activation

Lower-cost option with slightly longer recovery times

Perfect for test, development, and secondary workloads

## Active/Replicated (Cold Site)

Data is continuously replicated but not immediately available

Most budget-friendly, suitable for non-critical data

Recovery times are comparatively longer



# DISASTER RECOVERY CONSULTANCY FRAMEWORK

## Assess

We start by analyzing your existing IT infrastructure, critical applications, and data dependencies. This assessment helps **identify potential risks, RTO, RPO, and the best disaster recovery approach** tailored to your business needs.



## Design

Based on the assessment, UnitedLayer designs a disaster recovery strategy incorporating **Multi-Modal Failover (MMF)** and **Multi-Point Availability (MPA)**. This ensures that your workloads can instantly switch to a backup environment in the event of an outage.



## Deploy

We deploy **real-time data replication** to a secure cloud or on-prem environment, ensuring continuous backup of **critical workloads**, **instant failover** to a secondary site when needed, and integrated **Secure Web Gateway & Firewall Management** for advanced threat protection.



## Monitor & Optimize

UnitedLayer provides 24/7 proactive monitoring, validating **Disaster recovery readiness** through automated failover testing and performance tuning. With real-time **observability**, you gain actionable insights, ensure **SLA compliance**, and adapt recovery strategies to evolving workloads and business demands.

# Key Features



Centralized DR management



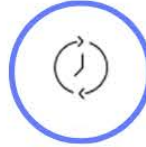
Common monitoring window



Multilayered DR strategy



Cross-application grouping



SLA-based recovery plans



Automated DR workflow configuration

## Superior Business Continuity

Improve RTO and minimize downtime. Optimize IT recovery and DR management processes to replicate the system states for reliable post-recovery service restoration.

## Greater Visibility into Recovery Readiness

Gain actionable insights with continuous DR health checks. Generate comprehensive DR drill reports to validate compliance and gauge recovery readiness against evolving specified recovery targets.

## Cost-Efficient Resilience at Scale

Avoid the financial and operational burden of overprovisioning. Our scalable solutions adapt to workload demands—ensuring protection without inflating costs.

## Risk-Ready & Regulation-Compliant

Proactively address risks stemming from cyber threats, or evolving compliance needs. Our solutions are built to align with industry regulations like HIPAA, PCI-DSS, FFIEC, GDPR, etc.

# WHY CHOOSE UNITED PRIVATE CLOUD®?

Disaster recovery is a foundational pillar of **resiliency strategy**. With United Private Cloud®, organizations can architect for true resilience, enabling workloads to recover rapidly from infrastructure, service, or application disruptions, dynamically scale resources to meet demand, and mitigate risks such as misconfigurations or network issues. Backed by **99.999% availability**, it ensures your workload is available to perform its intended business functionality at maximum capacity.

## Fully Managed DR

We handle all aspects of disaster recovery—from monitoring your systems 24/7 to managing failover processes—so you can focus on your business without worrying about IT disruptions.

## Customizable Recovery Objectives

Every business has unique needs. We work with you to define how much data loss (Recovery Point Objective) and downtime (Recovery Time Objective) you can tolerate, tailoring solutions to meet those goals.

## On-Demand Scalability

As your business grows, so do your data and application needs. Our solutions easily scale to accommodate increased replication and backup demands without costly infrastructure upgrades.



### Test Without Disruption

Regular testing is critical for disaster readiness. We enable you to perform failover tests and drills without affecting your live environment, ensuring your recovery plans work when you need them most.

### Faster Threat Detection & Resolution

AI-driven observability and Agentic automation reduce MTTD to <3-mins and MTTR to <10-mins, enabling proactive incident response before disruptions impact users or operations.

### Security & Compliance

Protecting your data is our top priority. Our facilities and services comply with major industry regulations and standards, ensuring your information remains safe and compliant with laws like HIPAA, PCI DSS, GDPR, SOX, and FFIEC.

## Take the next step.

Strengthen overall business resilience with UnitedLayer's Disaster Recovery Solutions and highly available infrastructure built for uninterrupted operations.



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