

# The Multi-Cloud Resilience Maturity Model

## LEVEL 1

### Snapshot Reliance

**Characteristics:** Native cloud snapshots, basic backup tools, annual testing, manual policy management.

**Critical gap:** Snapshots reside in the same account as production systems. Compromised credentials enable deletion. No immutability controls prevent adversarial attacks.

## LEVEL 2

### Isolated Backup Vaults

**Characteristics:** Backups in separate accounts with restricted access. Basic immutability controls. Some cross-cloud replication for critical systems.

**Critical gap:** Recovery processes remain manual and untested. No systematic validation that backups are complete, uncorrupted, and recoverable.

## The Challenge

Most CISOs understand they need resilient backup and recovery capabilities. Far fewer can articulate where their organization actually stands on the resilience maturity spectrum – or which specific gaps put them at highest risk.

Here's a practical framework to help assess your current capabilities and identify the vulnerabilities that matter most.

## LEVEL 3

### Tested Cleanroom Recovery

**Characteristics:** Regular automated recovery testing into isolated cleanroom environments. Malware scanning before production restoration. Documented dependencies and recovery orchestration.

**Critical gap:** Testing does not scale across entire multi-cloud ecosystem. Recovery confidence can degrade between test cycles as infrastructure evolves.

## LEVEL 4

### ResOps Adoption

**Characteristics:** Automated continuous testing across entire ecosystem at scale. Real-time recovery posture scoring. Pre-event anomaly detection. Post-event API-driven rebuild orchestration.

**Outcome: Confidence and trust:** Board-ready proof that recovery works today, not just a plan from last quarter.

This model pairs with our companion report, **“The CISO’s Guide to Modern Multi-Cloud Resilience,”** which provides a detailed procurement framework mapped to these maturity levels.

**Download the report at**  
[www.readiverse.com/multi-cloud-resilience](http://www.readiverse.com/multi-cloud-resilience)