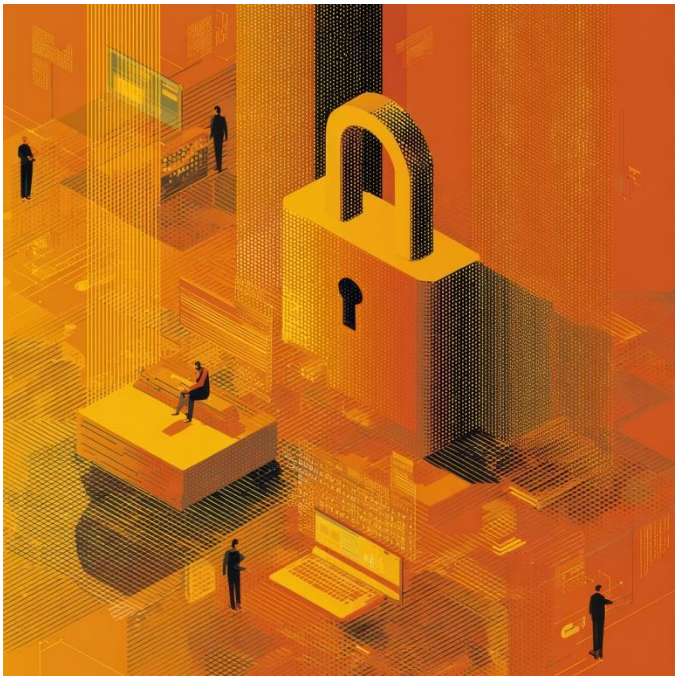
Resilience built in. Not bolted on.

Operational resilience for every workload, from day one. With IBM Fusion.



Most organizations don't lack resilience tools. They lack cohesion.

Backup, replication, and disaster recovery often come from different vendors, are integrated manually, and are tested in isolation. As environments expand to include containers, virtual machines, and AI workloads, every seam between those layers becomes a gap, and every gap is a risk.

When outages occur, organizations often face:

- Operational disruption across critical workloads
- SLA and compliance exposure when recovery objectives are missed
- Reputational damage from downtime, data loss, or service interruptions

Resilience requires a platform, not a collection of tools.

IBM Fusion delivers operational resilience as a built-in platform capability, helping protect critical workloads through a consistent operating model.

- No separate resilience stack to design and maintain
- No separate tools for containers, virtual machines, and AI workloads
- No manual integration across vendors

What IBM Fusion delivers

Most resilience architectures force a tradeoff between simplicity and protection. IBM Fusion changes that equation by making resilience part of the platform design.

One platform	Bring workloads, governance, and management into one integrated Red Hat OpenShift environment.
Every workload	Protect AI, virtual machines, containers, and applications, including IBM watsonx, through a consistent resilience model.
Zero compromises	Maintain enterprise-grade protection while simplifying operations across critical workloads.

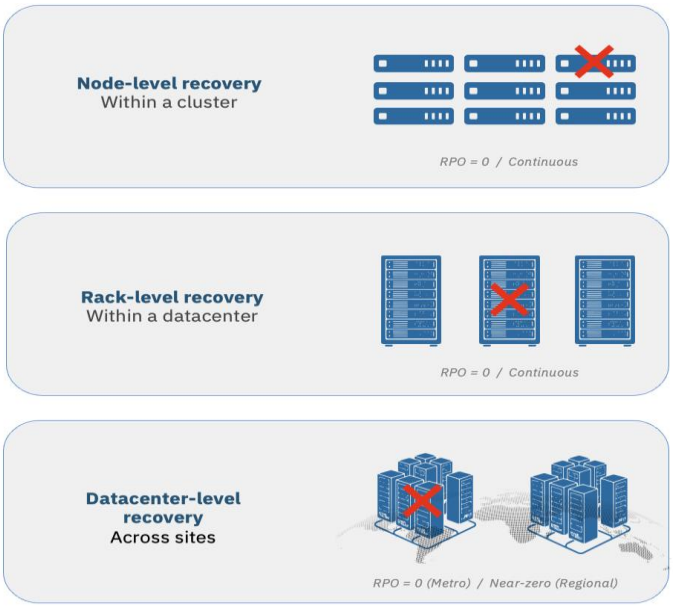
The fewer the seams, the stronger the system.

IBM Fusion is designed so resilience never depends on what you remembered to connect.

Resilience across failure domains.

IBM Fusion helps maintain continuity and recoverability across multiple failure domains, from component failures inside a cluster to larger site-level disruption. Built-in availability and disaster recovery capabilities work together to help teams support recovery objectives for critical workloads.

- **Node-level recovery.** Helps keep workloads and data available when individual nodes or drives fail, reducing the impact of localized hardware issues.
- **Rack-level recovery.** Helps maintain continuity when a rack or failure domain is impacted, supporting resilience across distributed infrastructure resources.
- **Datacenter-level recovery.** Supports recovery across sites with Metro-DR and Regional-DR capabilities, helping protect workloads from larger site-level disruptions.



Resilience scales from localized hardware failures to disaster recovery across sites.

Built-in capabilities behind the recovery model.

IBM Fusion combines availability, data protection, disaster recovery, and security capabilities to help keep critical workloads protected and recoverable across failure scenarios.

Capability	What it enables
High availability	Distributed platform resources help maintain access to critical applications and data during hardware failures.
Erasure coding	Capacity-efficient data protection helps maintain durability and availability across hardware failures.
Metro-DR	Synchronous replication supports zero-RPO protection for mission-critical workloads across metropolitan sites.
Regional-DR	Asynchronous replication helps support recovery across geographically separated sites.
Policy-driven snapshots	Application-consistent snapshots with flexible retention help simplify recovery and operational control.
Encryption	Data encryption at rest and in flight helps protect sensitive information and strengthen compliance readiness.

Ready to strengthen operational resilience?

Meet with IBM experts to assess your critical workloads, identify recovery gaps, and explore how IBM Fusion can help simplify protection across modern environments.

Schedule a meeting

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