

FalconStor Cloud Clean Room

**Validate recovery.
Protect sensitive data.
Recover with confidence.**

Organizations have invested heavily in protecting their data, yet many still lack confidence that their backups will recover when needed. Traditional recovery testing often requires dedicated infrastructure, specialized expertise, and significant operational effort, making frequent validation impractical.

FalconStor Cloud Clean Room is a fully managed, on-demand recovery validation service that enables organizations to securely verify IBM Power recoverability within an isolated environment. Powered by FalconStor's patent-pending Zero Trust Secure Enclave (ZTSE) technology, Cloud Clean Room provisions secure recovery infrastructure only when needed, validates recovery from a known-clean state, and securely removes temporary resources when testing is complete.

The result is validated recovery, audit-ready documentation, and recovery confidence, without dedicated infrastructure or IBM Cloud expertise.

THE CHALLENGE

Most organizations can create backups.

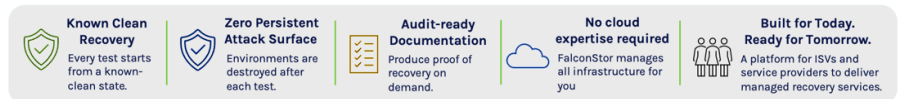
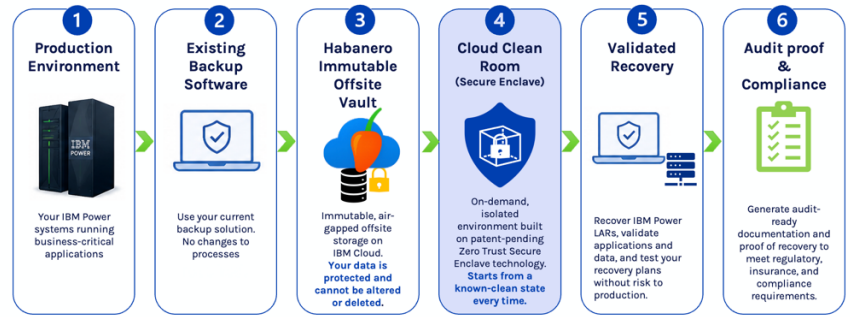
Far fewer can confidently answer:

- Will my backups recover?
- Can I prove they recover?
- Can I test safely?
- Can I meet cyber insurance requirements?
- Can I demonstrate compliance?
- How often can I realistically validate recovery?

Traditional recovery testing is expensive because it requires maintaining recovery infrastructure that may sit idle for months.

Cloud Clean Room changes that model.

HOW CLOUD CLEAN ROOM WORKS



BENEFITS

Fully Managed Service

FalconStor manages:

- IBM Cloud infrastructure
- PowerVS provisioning
- Recovery environment creation
- Secure teardown

No IBM Cloud expertise required.

Works with Your Existing Backup Environment

Cloud Clean Room integrates seamlessly with your existing backup software, infrastructure, and operational workflows. There's no need to replace backup applications, redesign processes, or build dedicated recovery infrastructure—simply extend your current environment with secure, on-demand recovery validation.

Secure Isolation

Recovery occurs inside the Cloud Clean Room.

Recovery workloads remain isolated from production systems, other tenants, and unauthorized access.

On-Demand Known-Clean Recovery

Each validation begins from a known-clean environment.

Temporary recovery infrastructure is securely destroyed after testing. No persistent attack surface.

Recovery Confidence

Verify:

- Applications

- Data integrity
 - Recovery procedures
 - Recovery time objectives
- before an actual cyber event occurs.

Audit-Ready Documentation

Produce documented evidence that recovery was successfully completed.

Supports internal governance and regulatory requirements including:

- DORA
- FFIEC
- PCI DSS

ZERO TRUST SECURE ENCLAVE TECHNOLOGY

Cloud Clean Room is powered by FalconStor's patent-pending Zero Trust Secure Enclave (ZTSE), a secure isolation architecture that creates hardened, cryptographically isolated environments within a multi-tenant cloud. By enforcing strict separation of data, workloads, identities, and resources, ZTSE ensures that only explicitly authorized users and services can access enclave contents while preventing visibility or access by other tenants or unauthorized parties.

WHY CLOUD CLEAN ROOM?

Traditional Recovery Testing	FalconStor Cloud Clean Room
Dedicated DR infrastructure	On-demand environments
Permanent recovery systems	Temporary isolated recovery
High operational costs	Efficient recovery
Manual setup	Fully managed
Difficult to test frequently	Validate whenever required
Limited recovery confidence	Proven recoverability

AVAILABLE WITH FALCONSTOR HABANERO

Cloud Clean Room is available today as an add-on to FalconStor Habanero.

Together they deliver:

- ✓ Immutable offsite vaulting
- ✓ Secure recovery validation

- ✓ Recovery confidence
- ✓ Audit-ready documentation
- ✓ No infrastructure to maintain
- ✓ No changes to existing backup software

IDEAL FOR

- IBM i environments
- IBM Power environments
- Regulated industries
- Financial services
- Healthcare
- Manufacturing
- Organizations modernizing cyber resilience
- Managed service providers
- Software vendors building recovery services

LEARN MORE

Validate Recovery with Confidence

See how FalconStor Cloud Clean Room enables secure, on-demand recovery validation for IBM Power environments.

Contact FalconStor: <https://www.falconstor.com/contact/>