HYCU | Azure Local

HYCU R-Cloud™
Data Protection for Azure Local (Azure Stack HCI)

HYCU R-Cloud™ delivers native, enterprise-grade data protection and workload mobility for Azure Local (formerly Azure Stack HCI). Its application-centric, lightweight design eliminates the need for agents, plugins, or drivers —offering a simple, secure, automated data protection solution with quick recovery and a remarkably low total cost of ownership.

Key Capabilities

Native, Comprehensive Backup and Recovery

- Grassroots API-level integration with enterprise-grade protection for all workloads with a minimal footprint.
- Policy-based, "set-and-forget" backups guarantee consistent protection and free up valuable administrative time.
- Patented application auto-discovery with agentless app consistent backups delivering impact-free protection.

Complete Mobility and Freedom to Run and Protect Any Workload

- Effortlessly lift, shift and transform workloads across hypervisors and public clouds without disruption.
- Achieve, drama-free workload transfers to, from, and between infrastructures, including Azure Local, with HYCU's inbuilt hypervisor and cloud agnostic architecture.

Unified, low-cost disaster recovery

- Simple, disaster recovery with seamless failover and failback across on-premises, cross-hypervisor, and public cloud environments.
- Eliminate the need for 24/7 compute resources, activating them only during failover events.

Ransomware Resilience

- Rapid ransomware recovery of clean data from native snapshots, no agents.
- Ensure data protection and recoverability with immutable backups, preventing unauthorized access and malicious alterations.
- Secure backups with air-gapped technology via fully verified backups, multi-factor authentication (MFA), and role-based access control (RBAC) enhance security.

Complete Protection Across the Microsoft Ecosystem

HYCU R-Cloud™ extends data protection across the Microsoft ecosystem, including:

- Microsoft Azure
- Azure Government
- Azure Local
- Microsoft Entra ID
- Microsoft 365
- GitHub

+80 integrations across your technology stack!

Unique to HYCU: Enterprise-class protection, one-click simplicity for Azure Local

Designed for instant adoption

- **Zero Agents:** Simplified deployment with no agents required.
- **Zero Proxy Servers:** Reducing complexity and overhead.
- **Dynamic Scaling:** Effortlessly scale up or down based on needs.
- **One View:** Backup, migrate, and disaster recovery with a single click.
- **Zero Learning Curve:** One-click operations with zero specialization required.

Purpose Built, Application-Centric Protection for Azure Local

- **Deep Integration:** An API-first approach ensures seamless integration and development within Azure Local, maximizing operational benefits.
- **Comprehensive Discovery:** Automatically identifies apps and databases within VMs.
- **Easy Application Protection:** Patented automatic application discovery streamlines protection for critical applications like SQL, Oracle, and Active Directory, ensuring application-consistent backups.
- **Granular Recovery:** Granular, point-in-time recovery for rapid restores.

Reduced TCO

- **Single Component Deployment:** HYCU's lightweight footprint requires no proxies, media servers, or reporting servers, allowing more resources to focus on critical workloads.
- **Complete Freedom:** HYCU lets customers store Azure Local backups on any storage, enabling them to choose cost-effective options that meet SLA requirements—whether existing storage, public cloud, or a purpose-built backup appliance.

Secure & Self-Service by Design

- **Certified Standards:** Meets ISO27001, DISA STIG, and NIAP (Common Criteria) security standards with FIPS 140-2 compliance.
- **Multi-Tenancy:** Ensures data isolation at every level, including databases.
- **Role-Based Access Control:** Secure access management.
- **Stay Proactive:** Monitoring and alerting for rapid insights and decision-making.

To learn how HYCU can help your business, visit hycu.com or email info@hycu.com