HYCU & Dell: Unrivalled Data Protection for Azure Local (Azure Stack HCI)

HYCU R–Cloud™, with its agentless, application–centric design, integrates seamlessly with Dell DataDomain to deliver enterprise–grade data protection and workload mobility for Azure Local (formerly Azure Stack HCI). By leveraging DDBoost, customers can achieve industry–leading data efficiency, reducing costs and increasing performance. Together, HYCU and Dell provide a comprehensive, lightweight, secure, and cost–effective solution for protecting mission–critical workloads across hybrid environments.

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 agentless application auto–discovery with 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 in–built 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 integration into DataDomain Retention Lock making backups fully immutable and preventing unauthorized access and malicious alterations.
- Isolate backups with air–gapped technology by leveraging DataDomain Replication.
- Ensure recovery via fully verified backups, while multi–factor authentication (MFA), and role–based access control (RBAC) lock down the control plane to 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.
- **Easy DataDomain Adoption:** Integrated into the UI and at a config level to ensure perfect data presentation to Dell DataDomain.

## 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.
- **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.
- **Intelligent Compliance:** Automatic scheduling to ensure RPO compliance and dynamic RTO reporting to ensure you can always meet your Business SLA's.

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.
- **Data Efficiency:** Unrivalled compression and source side deduplication allow customers to store more for less.
- **DataDomain Anywhere:** Customers have complete choice of DataDomain hardware appliance of virtual edition on-premises or in the public cloud.

Secure & Self-Service by Design

- **Certified Standards:** Meets ISO27001, DISA STIG, and NIAP (Common Criteria) security standards with FIPS 140-2 compliance.
- **Segmented Isolation:** Apply the principle of least privilege to minimize attack surface and blast radius and ensure data separation at all levels, including databases.
- **Role-Based Access Control:** Secure access management.
- **Stay Proactive:** Real-time Monitoring and alerting for rapid insights and decision-making.
- **Immutable and air gapped:** Retention lock, replication and isolation with Dell DataDomain to secure your backups from any threat.
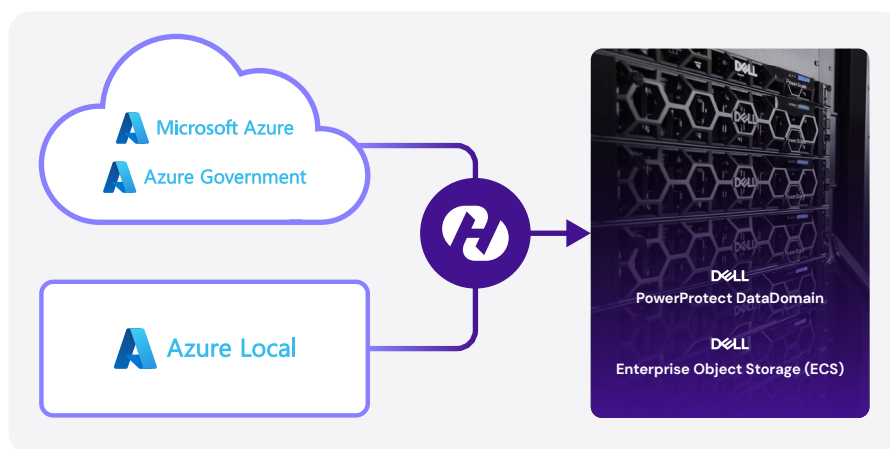
HYCU and Dell

HYCU integrates seamlessly with Dell platforms such as PowerProtect Data Domain, Dell ECS, Dell PowerScale, and a wide range of Dell server infrastructure. These platforms support popular virtualization technologies like Nutanix, VMware, and Azure Local (formerly Azure Stack HCI). This integration enables efficient data protection, scalable backups, and secure recovery solutions. It also optimizes storage performance across diverse environments, ensuring reliable and cost-effective data management.

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