

Hybrid Cloud Data Protection for Your Entire Nutanix Estate

Nutanix environments require agility, performance, and dependable data protection. The HYCU R-Cloud Hybrid Cloud Edition (HCE) is the only solution that checks all these boxes, with multiple validated Nutanix designs built on years of joint innovation and a shared vision. Leveraging Dell's PowerProtect DD with DDBoost technology, HYCU accelerates backups while minimizing storage costs for mission-critical workloads, making it the ultimate choice to protect your Nutanix investments.

Backup and recovery with HYCU & Dell for Nutanix



No Data Left Behind

Backup of the entire Nutanix ecosystem, including AHV, Files, Objects, and the only vendor to support NDB and Volume Groups.



Intelligently Simple

An automatically scheduled, policy-based backup approach ensures that not only RPO targets are met but also RTO targets, which is unique to HYCU.



Easy App Discovery

Automatic discovery of applications and databases without any manual intervention and no agents to install, configure and manage.



Fastest Recovery

Rapidly recover entire applications, VMs, databases, and files with zero impact.



Stay protected from third-party risks

Dell PowerProtect DDBoost integration enables source-side deduplication and compression which can reduce bandwidth usage (by 80–98%), improve performance by 50% and cut storage requirements by up to 55X.

HYCU, in partnership with Dell, offers the ultimate data protection solution — ensuring your data is secure, compliant, and always within your control

Complete Coverage

Protect the entire Nutanix estate across VMs, databases, file shares, Volume Groups, and more.

Nutanix Native, Dell Integrated

Focus on innovation, not maintenance. HYCU uses native Nutanix integrations for disruption-free protection, while fully integrating with Dell PowerProtect DD with DDBoost to maximize efficiency and performance.

Industry-leading customer experience

Leverage a trusted data protection platform with a 90+ Net Promoter Score (NPS).

Cyber Resilience, Security & Compliance for Nutanix

- **Unmatched Security:** HYCU R-Cloud HCE is the only data protection solution with a DISA STIG certification and conforms to FIPS 140-2 and NIAP Common Criteria, ensuring military-grade security.
- **Complete Data Ownership:** Customers retain 100% ownership and control of their data, ensuring privacy and sovereignty without compromise.
- **Retention Lock Support:** R-Cloud natively supports retention lock on PowerProtect DataDomain in both compliance and governance modes.
- **Replicate and Isolate:** HYCU and Dell PowerProtect DataDomain enable seamless replication of data between appliances, while secondary copies are isolated and air-gapped to protect against cyber threats.
- **Automated Detection and Validation:** Built-in backup verification and anomaly detection ensure confidence in recovery.
- **Advanced Access Controls:** Segmented isolation, multi-factor authentication, and role-based access control helps enforce the Principle of Least Privilege (PoLP), reducing risk and strengthening overall security.

Freedom of Choice with Complete Mobility

- **Efficient DR:** Rapid, fully automated disaster recovery to the public cloud or a secondary on-premises data center.
- **NC2 Ready:** Deeply integrated with NC2 in both AWS and Azure, ensuring cost-effective and seamless DR operations without any compatibility issues.
- **Simple and Seamless:** Fully automated to avoid any manual mistakes; cloud resources are automatically assigned, and the VM is powered on without any user interaction.
- **Drama-free migrations:** Simple, agentless, application-centric migrations to Nutanix.

HYCU and Dell

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

