HYCU R-Cloud™

Purpose-Built, Agentless Data Protection for Microsoft Hyper-V

HYCU R-Cloud™ delivers modern, low-touch backup and recovery purpose-built for Microsoft Hyper-V environments.

Integrated with a wide array of modern storage platforms including Amazon S3, Nutanix Objects, and Wasabi, it enables automated protection, streamlined operations, and a full cyber resilience suite to safeguard critical workloads without slowing you down. HYCU offers an enterprise-grade solution that simplifies IT and reduces costs across hybrid and cloud environments.
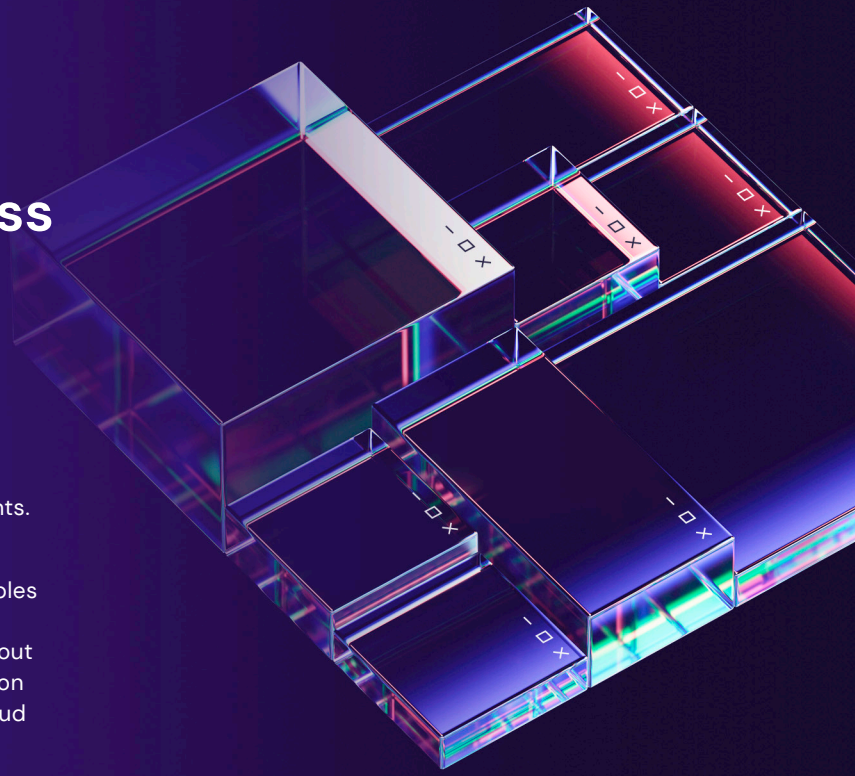
Enterprise-Class Data Protection with HYCU R-Cloud™

1 Native, Zero-Dependency Hyper-V Protection

- Hyper-V-native protection via direct integration – no SCVMM, agents, or proxies required
- Simplifies deployment across small and large environments without additional management servers
- Automatically discovers and protects workloads like SQL Server, AD, and Exchange
- Application-consistent, impact-free backups with granular recovery (VM, file, app object)

2 Designed for Low TCO and Operational Simplicity

- Lightweight deployment with no need for hardware, proxy agents, or manual scripting
- Seamless integration with cloud and on-prem object storage options such as Amazon S3, Nutanix Objects, and Wasabi Hot Cloud Storage
- Flexible backup workflows support hybrid, edge, and cloud use cases
- Streamlines operations while minimizing administrative overhead and infrastructure sprawl

3 Unified, Scalable Disaster Recovery

- Orchestrated DR across on-prem, hybrid, and multi-cloud environments
- Built-in failover/failback workflows eliminate the need for third-party tools
- Activate DR compute only when needed – dramatically reducing standby costs

4 Built-in Cyber Resilience with Anomaly Detection

- Immutable backups to protect against tampering and ransomware
- Air-gapped backup replication isolates recovery data from production threats
- Anomaly detection flags suspicious backup patterns to help keep threat actors out
- Integrated MFA and RBAC secure the control plane and minimize insider risk
- Fully Verified Backups ensure clean, reliable recoverability

5 Comprehensive Microsoft Ecosystem Coverage

- Extend protection beyond Hyper-V to Microsoft 365, Azure, GitHub, Entra ID, and more
- Unified control plane for managing multiple Microsoft workloads through one interface
- Avoid fragmented tooling with HYCU R-Cloud's support for 80+ SaaS and IaaS platforms

Unique to HYCU: Purpose-Built for Hyper-V Teams

No Agents. No SCVMM. No Complexity.

- Direct, API-based protection – deploy in minutes without third-party dependencies
- Ideal for lean IT teams or edge sites with limited resources
- Simplifies ongoing operations with true "set it and forget it" automation

Optimized for Cost-Conscious IT

- Eliminates infrastructure bloat – no agents or media servers to manage
- Supports cost-efficient storage with cloud-native options and pay-as-you-grow models
- Reduces total cost of ownership by minimizing hardware dependencies and admin effort

Ultimate Freedom & Flexibility

- **Freedom to choose:** Store backups on any storage – existing infrastructure, cloud, or purpose-built appliances.
- **Scalable infrastructure:** With an extremly tiny compute, memory and storage footprint
- **Cloud and hypervisor agnostic:** Move and protect workloads across environments with ease.
- **Simple, secure self-service:** Role-based access with intuitive, no-training-required workflows.
- **Effortless scalability:** Protect new clusters and workloads without added complexity

Enterprise Recovery, Without the Overhead

- Restore files, full VMs, or app-level data in just a few clicks
- Complete recoveries on-prem or in the cloud with no manual reconfiguration
- One unified UI to manage backup, DR, recovery, and monitoring

Secure by Design, Resilient in Practice

- Complies with DISA STIG, Common Criteria (NIAP), and FIPS 140-3
- Pre-Hardened Linux appliance ensures maximum security
- Small footprint means a vastly reduced attack surface

**Protect Smarter. Recover Stronger.
Move Forward with Confidence.
Trust HYCU for Microsoft Hyper-V.**

**HYCU R-Cloud™
for Microsoft Hyper-V**

See for Yourself