



# Defend Your Data Against Ransomware with HYCU & Nutanix

**Overview:** In today's landscape, where ransomware attacks are a pervasive threat, businesses need a robust, integrated data protection strategy. HYCU, in perfect sync with Nutanix, delivers a defense system that's not just reactive but also proactive—providing the peace of mind that your infrastructure is safeguarded against the ever-changing tactics of ransomware.

## Key Benefits:

### Tailored Integration:

HYCU is meticulously engineered for Nutanix, ensuring flawless integration and a user-friendly experience that harnesses the full strength of the Nutanix platform.

### Simplified Experience:

Manage backups with ease within the Nutanix framework, enjoying the same intuitive user interface that Nutanix users love.

### Automated Protection:

HYCU's auto-discovery feature automatically protects new Nutanix workloads, offering instant peace of mind the moment new applications and data go live.

### Immutable Backups:

Capitalize on HYCU's ability to create immutable backups on WORM-enabled S3 storage, like Nutanix Objects, to defend against ransomware tampering.

### Rapid Recovery:

Should disaster strike, HYCU's swift recovery capabilities ensure minimal disruption, preserving the continuity of your business operations.

### Cost-Effective Solution:

Benefit from a data protection solution that delivers significant cost advantages over competitors, without any compromise on security or performance.

## Ransomware-Ready Features:



### Optimize Existing Infrastructure:

Use your present hardware for secure, fast data recovery.



### Secure Backup:

Ensure your data is encrypted at every stage for uncompromised security.



### Regulatory Compliance:

Maintain compliance with legal holds, preventing premature backup deletions.



### Smart Backups:

Utilize backups that are tailored to meet your applications' and databases' unique requirements.

## Without the tailored defenses that HYCU and Nutanix provide, organizations can be left vulnerable to:

- **Non-Specific Solutions:** Generalized data protection may fail to align with the advanced architecture of Nutanix, leading to suboptimal performance and potentially unpatched security gaps.
- **Complicated Recovery:** The deep integration of HYCU with Nutanix streamlines recovery processes, ensuring speed and simplicity; without this synergy, you face a convoluted recovery that can significantly extend system downtime.
- **Data Integrity Threats:** HYCU's immutable backups act as a fail-safe against data manipulation; without it, your backup integrity is at risk, leaving critical data open to undetected tampering and potential corruption.
- **Delayed Anomaly Detection:** HYCU's proactive anomaly detection capabilities are fine-tuned for early ransomware identification; without this early warning system, the lag in detection can lead to extensive propagation of the attack within your network.
- **Exposed Block Storage:** HYCU provides tailored protection for Nutanix Volume Groups, safeguarding against ransomware; without it, your block storage may lack the necessary defenses, increasing the risk of critical data being held hostage.
- **Operational and Financial Setbacks:** The repercussions of a ransomware attack can ripple through an unprepared organization, causing substantial operational disruptions and financial losses, alongside potential reputational damage.
- **Compliance Hurdles:** HYCU ensures that backup and recovery policies are compliant with industry regulations, including the use of immutable snapshots; without such compliance-centric features, your organization could face regulatory penalties.