



Rubrik for Red Hat OpenShift Virtualization

Enhance Cyber Resilience Throughout Your VM Migration and Application Modernization Journey

In today's rapidly evolving threat landscape, organizations leveraging Red Hat OpenShift for application modernization face complex cybersecurity challenges. Traditional data protection strategies often fall short when confronted with containerized environments' dynamic nature and virtual machines' persistent security needs. This gap leaves critical data vulnerable from legacy systems to modern architectures, potentially compromising business continuity and compliance.

Rubrik for OpenShift Virtualization is designed to be a comprehensive cyber resilience solution to secure, protect, and rapidly recover both containerized applications and virtualized workloads running on Red Hat OpenShift. By integrating Rubrik's advanced security features with OpenShift's comprehensive application platform, the collaboration aims to give organizations the confidence to modernize their applications while maintaining a strong defense against cyber threats, ensuring business continuity, and accelerating digital transformation initiatives.

KEY BENEFITS



MODERNIZE AND SECURE AT SCALE

Protect modernized applications and infrastructure with built-in cyber resilience, secure data, and ensure business continuity on Red Hat OpenShift.



SEAMLESS MIGRATION AND AUTOMATION

Use RedHat Migration Toolkit for Virtualization and Red Hat Ansible, designed to easily migrate your VM workloads, and protect them with Rubrik.



UNIFIED PROTECTION AND RAPID RECOVERY

Leverage comprehensive data protection capabilities across environments, safeguard against threats with automated, policy-driven solutions.

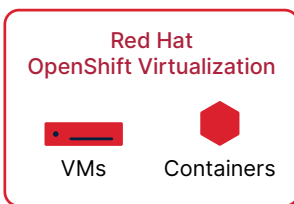
Cyber Resilience

- Keep data secure and available
- Stay protected with inherited policies
- Efficiently backup and recover
- Simplify complexity of data protection
- Recover what you need when you need it



Modern Infrastructure

- Safeguard existing VM investments
- Speed up time to production
- Manage everything from one platform
- A path to infrastructure modernization





Keep Data Secure and Available

- **Immutable Backups:** Create tamper-proof OpenShift backups that can't be altered or deleted, even by administrators.
- **Multi-Factor Authentication:** Enforce MFA for access to OpenShift backup and recovery operations to add an essential layer of security to prevent unauthorized access.
- **Least-Privilege Access Control:** Implement granular RBAC for your OpenShift backup and recovery workflows to minimize insider threats and ensure users have only the access they need.
- **Scale Protection Across Your Environment:** Secure multiple OpenShift clusters, supporting various configurations and deployments.



Automate Protection

- **Automated Cluster Discovery:** Automatically identify and catalog OpenShift clusters across your environment to eliminate manual tracking and ensure comprehensive coverage.
- **Policy-Driven Protection:** Define SLA policies once and apply them globally. Automatically protect new clusters as they're discovered to ensure consistent SLA compliance and eliminate protection gaps.
- **On-Demand Backups:** Complement your data protection strategy with on-demand snapshots of OpenShift resources.
- **Automated Replication:** Seamlessly orchestrate data replication based on the SLA domain to ensure business continuity with automated off-site data protection.



Backup and Access Data Faster

- **Incremental Backups:** Streamline backup operations with Rubrik's incremental backup approach for OpenShift resources.
- **Comprehensive Backups:** Support full and incremental backups of OpenShift clusters, including both container workloads and virtual machines.
- **Application Consistency:** Ensure application-consistent backups during the snapshot process.



Simplify the Complexity of Data Protection

- **Unified Management:** Protect container workloads and virtual machines running on OpenShift from a single interface.
- **Multi-Cluster Support:** Protect multiple OpenShift clusters with a single Rubrik CDM instance, or distribute large clusters across multiple CDMs for balanced protection.
- **API-Powered Automation:** Leverage Rubrik Security Cloud GraphQL APIs to script and automate backup and recovery operations for OpenShift environments.



Recover What You Need When You Need It

- **Flexible Recovery Options:** Support various recovery types, including export from snapshots and file-level recovery.
- **Granular Restore:** Recover specific OpenShift resources or entire clusters as needed.
- **Cross-Cluster Recovery:** Restore OpenShift resources for testing or disaster recovery to different clusters or environments.

Safe Harbor Statement

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