

Commvault® Cloud Backup and Recovery for DevOps

Protect DevOps data from cyberattacks, disasters, and operational mistakes

OVERVIEW

The rise of cloud-based DevOps platforms like Azure DevOps, GitHub, and GitLab has streamlined software development and delivery, but with their adoption and usage comes the need for robust data protection. Commvault Cloud Backup & Recovery for DevOps delivers enterprise-grade protection and fast recovery to help safeguard valuable source code, intellectual property, and configurations from accidental deletion, corruption, or malicious attacks.

CHALLENGE

DevOps platforms like Azure DevOps, GitHub, and GitLab have become essential to modern software development. They house everything from source code and build scripts to deployment pipelines and configurations. These platforms enable teams to collaborate effectively and deploy software and applications quickly and efficiently. However, the importance of the data they hold makes them high-value targets for attackers and a critical dependency for continuous business operations.

Data loss or disruption, whether from accidental deletion, insider threats, or cyberattacks, can halt development, cause release delays, increase security risks, and reduce productivity. The integrity and availability of this data is crucial for maintaining the efficiency and continuity of your DevOps processes. Relying on built-in tools or custom scripts for protection can be time-consuming, complex, and largely manual, and can leave gaps in both protection and recovery.

SOLUTION

Commvault Cloud Backup & Recovery for DevOps provides comprehensive protection and fast recovery for Azure DevOps, GitHub, and GitLab.

With Commvault Cloud, you can:

- Automate backups without disrupting workflows
- Rapidly recover repositories, pipelines, and metadata that were mistakenly deleted
- Migrate data to other Git-hosting service platforms
- Prove recoverability and maintain audit trails with comprehensive audit logs and reporting
- Protect Azure DevOps, GitHub, and GitLab environments with a single, unified solution

Benefits

- Enable resilience for your repositories, pipelines, and metadata
- Help eliminate slow and error-prone manual backup tasks
- Accelerate recovery, minimize DevOps disruptions, and help prevent costly delays in software delivery

ENTERPRISE-GRADE PROTECTION

Automate daily backups and achieve rapid recovery of your repositories, projects without disrupting your CI/CD pipelines, enabling continuous DevOps workflows.

MULTI-LAYERED RESILIENCE

Go above and beyond for your critical DevOps data. With stringent protection standards, privacy protocols, and zero-trust access controls, Commvault Cloud provides multi-layer resilience to help minimize the effects of cyberattacks and combat today's data loss threats.

EASY TO MANAGE

Protect Azure DevOps, GitHub, and GitLab with a single, unified solution that also provides data protection for many other on-premises or cloud applications like Microsoft 365, Microsoft Dynamics 365, endpoints, and VMs.

Capability	Features and Benefits
Single-solution protection for DevOps platforms	<ul style="list-style-type: none"> • Robust protection for Azure DevOps, GitHub, and GitLab • Comprehensive coverage of repositories, pipelines, boards, and metadata. • Policy-driven backups —no cumbersome scripts required • Extended retention for recovery and compliance • Built-in reporting, auditing, and logging features to help provide proof of recoverability
Recovery	<ul style="list-style-type: none"> • Recovery of specific repos, projects, pipelines, artifacts, and more • Recovery of full repos • In-place to same location or out-of-place to a different location • Migrate DevOps data between Azure DevOps, GitHub, and GitLab • Latest data in point-in-time
Multi-layered security	<ul style="list-style-type: none"> • Isolated, air-gapped backups from source data • Cloud control plane provides resiliency in the face of disaster • Layered security that meets industry standards and supports regulation compliance • At-rest and in-flight data encryption • Role-based, SSO, SAML authentication controls
SaaS Simplicity	<ul style="list-style-type: none"> • Extended retention and unlimited Azure storage included • No hardware or large upfront capital investments • Zero egress fees or hidden storage charges • Automatic updates and maintenance built-in

SUPPORTED PLATFORMS

- Azure DevOps
- GitHub
- GitLab

Storage

- Unlimited Azure storage included

To learn more, visit commvault.com