**HYCU** | **GitHub**

# HYCU R-Cloud™ for GitHub

## Protect your source code. Recover without compromise.

### The Challenge

While GitHub securely manages the platform, **customers are responsible for protecting their data**. GitHub's shared responsibility model makes clear that data loss caused by user error, service outages, or malicious activity remains the customer's responsibility to recover.

→ **Limited recovery options.** GitHub's built-in restores features cover only basic use cases. Once a repository, asset or issue is permanently deleted, recovery often depends on GitHub Support and is not guaranteed.

→ **Manual and inconsistent backups.** Teams using custom scripts or manual exports struggle to maintain consistency. These methods miss metadata, issues, and pull requests, leading to incomplete protection and slow recovery.

→ **High risk during insider or supply chain incidents.** Insider threats or compromised third-party integrations can modify or delete repositories without detection. Without independent, immutable copies stored offsite, recovery becomes complex and unreliable. Rebuilding code history or configurations after such events is often impossible without verified backups.

## Secure, Enterprise-Class Protection for GitHub

### Capabilities

- **Granular Recovery**

  Restore individual repositories, issues, requests, releases, and assets without affecting the rest of your organization. Reduces downtime and rework.

- **Offline Recovery**

  Download complete GitHub backups anytime for independent, offline retention.

- **Immutable, Offsite Backups**

  Keep backups secure and unalterable in your own storage environment.

- **Policy-based Automation**

  Simplify operations with scheduled, policy-driven protection.

- **Cross-toolchain Protection**

  Protect all key development and CI/CD tools such as CircleCI, Jira, Terraform, and more from the same platform.

### Value

**Always-on protection**
Enjoy peace of mind with fully automated backups that run as often as your business needs.

**Recover from mistakes or threats**
Restore quickly from errors, bugs, or insider activity without slowing down development.

**Simplify compliance**
Stay aligned with standards like NIS-2 and DORA by storing backups securely offsite and under your control.

**Strengthen supply chain resilience**
Keep uninterrupted access to repositories, even during outages or supply chain disruptions.

**Unified protection**
Manage all workloads and backups in one place, with complete data control and no silos.

# Protecting GitHub with HYCU: How it works

HYCU connects directly through GitHub's native APIs to back up all repositories and metadata. You can run backups as often as needed and keep them for as long as required by policy or compliance. All backups are stored in your own S3-compatible storage, fully under your control and aligned with your organization's data residency and sovereignty rules.

**Safe, offsite storage in your control**

- S3-Compatible Storage
- Immutable
- Unlimited Retention
- 3-2-1 Rule Compatible
- Not Accessible to Any Third Party

# Precise, Granular Restores

You can select and restore specific:

Repositories    Issues    Pull requests    Releases    Release assets

# Broad Object Coverage

Here's a breakdown of what's protected:

### Repository Source

- refs
- branches
- commits
- tags
- objects
- logs
- LFS files

### Commit Comments

- comment text
- creation date
- creator

### Labels

- name
- description
- color
- associated issues

### Milestones

- status
- name
- description
- due date
- associated issues

### Issues

- title
- description
- creation date
- creator
- status
- comments (without reactions)
- assignee
- assigned labels
- assigned milestones
- project relations as comments

### Pull Requests

- title
- description
- creation date
- creator
- status
- review comments (without reactions)
- assignee
- assigned labels
- assigned milestones
- project relations as comments

### Releases

- tag name
- name
- target commit
- body
- creation date
- creator
- metadata (pre-release, draft, latest)
- release assets

### Projects v2

- readme
- short description
- private/public metadata
- columns and rows (including custom columns)

### Wikis