



HYCU for Redis

R-Cloud Module Guide

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About the module

With the R-Cloud (formerly HYCU Protégé) module for Redis, you can back up the contents of your Redis databases securely and efficiently.

Prerequisites

Before you add the module to R-Cloud as a source, the API key and the API user key for your Redis account are required. For instructions on how to find the API key and create the API user key, see the following Redis documentation topics:

- [Enable the API](#)
- [Create a new user key](#)

All the Redis databases that are accessible by using the API key and the API user key can be protected.

Note Redis uses a delegated authentication and authorization flow. As a result, R-Cloud does not have to store or manage the Redis user names and passwords. Instead, R-Cloud passes the control to Redis by identifying itself by using a personal API key and API user key.

Limitations

General limitations

When adding or using the module, the following general limitations apply:

- The Redis users cannot be restored.
- The Redis subscriptions cannot be restored.
- The restored objects will have a new timestamp and will be created by the API key user. The data cannot be restored on behalf of other users.
- The Redis list restore will append the data by using an existing key if the keys from the database and the backup are the same.
- The module only supports Google Cloud targets.

API call rate limitations

Redis does not have any call rate limitations. The API call processing differences depend on the Redis subscription plan.

Protecting data

R-Cloud starts protecting the data stored in your Redis account after you add the module as a source to R-Cloud and assign a policy to the related SaaS application.

You must provide the following information when adding the module as a source:

- Display name
- Protection Set
- API key
- API user key

For details on how to add the module to R-Cloud, see *HYCU R-Cloud Help*.

Backup

For details on how to back up your Redis account, see *HYCU R-Cloud Help*.

Restore

R-Cloud allows you to restore your protected Redis data at the following levels:

- Database
- Redis string
- Redis JSON
- Redis list
- Redis set
- Redis sorted set
- Redis hash
- Redis stream
- Redis timeseries

For details on how to restore your Redis account, see *HYCU R-Cloud Help*.

Provide feedback

For any suggestions and comments regarding this product or its documentation, send us an e-mail to:

info@hycu.com

We will be glad to hear from you!

