



HYCU for Pinecone

R-Cloud Module Guide

Table of Contents

About the module.....	3
Prerequisites.....	3
Limitations	3
General limitations	3
API call rate limitations	3
Creating an API key	4
Protecting data.....	4
Backup.....	4
Restore	4

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About the module

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

Prerequisites

Before you add the module to R-Cloud as a source, an API key for your Pinecone account is required. For instructions on how to create the API key, see [Creating an API key](#).

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

Limitations

General limitations

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

- Pinecone users cannot be restored.
- Pinecone projects 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.
- After restoring the index, Pinecone shows wrong number of vectors for some time depending on their load, usually up to an hour, making backups immediately after restore needing to be aborted.
- URL of the index is changed after the restore.

API call rate limitations

Pinecone does not have any rate limitations; the processing difference depends on the environment that is being used in Pinecone.

Creating an API key

To create an API key in Pinecone, complete these steps:

1. Log on to Pinecone.
2. On the left side of the page, select your project.
3. Go to **API Keys**.
4. Click **Create API Key**.
5. Enter a name for your API Key. The API key appears on your screen. Copy the key.

Protecting data

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

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

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

- Display name
- Protection Set
- API Key

You can protect all Pinecone indexes that are accessible by using the API key that you created as described in [Creating an API key](#).

Backup

For details on how to back up your SaaS application data, see *HYCU R-Cloud Help*.

Restore

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

- Index
- Vector

For details on how to restore your SaaS application data, 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!

