

OpenStack Object Storage

OpenStack Object Storage is used to connect to an OpenStack Swift server, or to Rackspace. Two authentication mechanisms are available: one is the generic OpenStack mechanism, and the other is used exclusively for Rackspace, a provider of object storage that uses the OpenStack Swift protocol.

The OpenStack authentication mechanism uses the OpenStack Keystone v2 protocol. Your Nextcloud configuration needs:

- **Bucket.** This is user-defined; think of it as a subdirectory of your total storage. The bucket will be created if it does not exist.
- **Username** of your account.
- **Password** of your account.
- **Tenant name** of your account. (A tenant is similar to a user group.)
- **Identity Endpoint URL**, the URL to log in to your OpenStack account.

Folder name	External storage	Authentication	Configuration	A
			<input type="text" value="Service name"/>	
			<input type="text" value="Region"/>	
			<input type="text" value="myfiles"/>	
			<input type="text" value="Request timeout (s)"/>	
<input type="text" value="OpenStackObjectSt"/>	OpenStack Object Storage	OpenStack ▾	<input type="text" value="molly"/>	
			<input type="text" value="....."/>	
			<input type="text" value="foobar"/>	
			<input type="text" value="http://devstack:5001"/>	

The Rackspace authentication mechanism requires:

- **Bucket**
- **Username**
- **API key.**

You must also enter the term **cloudFiles** in the **Service name** field.

Folder name	External storage	Authentication	Configuration	
			cloudFiles	
			Region	
			myfiles	
			Request timeout (se	
			molly	
				

It may be necessary to specify a **Region**. Your region should be named in your account information, and you can read about Rackspace regions at [About Regions](#).

The timeout of HTTP requests is set in the **Request timeout** field, in seconds.

See [External Storage](#) for additional mount options and information.

See [External Storage authentication mechanisms](#) for more information on authentication schemes.

#3	
cocobook-sync	2026-10-28 16:27:55 UTC
cocobook-sync	2026-10-29 01:09:19 UTC