

Rescuing a server

This guide will walk you through the required steps to access a server in **rescue mode** when you need to.

You can use rescue mode to access the server's operating system disk to fix a corrupted file system, reset access credentials on the server, and do other emergency recovery tasks.

Prerequisites

You need to have previously **created a server** that you now wish to rescue. Additionally, if you prefer to work with the OpenStack CLI, then make sure to properly **enable it first**.

Initiating the rescue

Cleura Cloud Management Panel OpenStack CLI

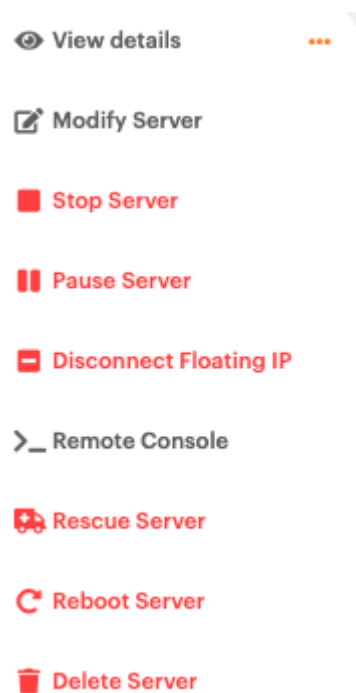
Navigate to the server list.



Find the server you want to rescue in the list, and on the right-hand side, click on its menu button.



Click on *Rescue Server*.



Once selected, the rescue dialog appears.

Click *No* to cancel or *Yes, Rescue* to proceed.

About to rescue a server

This server will be affected:

- [kna1] name: 

Are you sure?

No

Yes, P

When a server has been switched to rescue mode, its status icon appears with an exclamation mark:



You must first select a system rescue image from the available images:

```
$ openstack image list --tag system-rescue
+-----+-----+-----+
| ID                | Name          | Status |
+-----+-----+-----+
| cb2217f3-1ca7-4440-b10e-df7ff2d92cae | system-rescue | active |
+-----+-----+-----+
```

To start the server using the system rescue image, use the following command, substituting the `cb2217f3-1ca7-4440-b10e-df7ff2d92cae` for the `system-rescue` image in your Cleura Cloud region:

```
openstack --os-compute-api-version 2.87 \
  server rescue \
  --image cb2217f3-1ca7-4440-b10e-df7ff2d92cae <server_id>
```

While the rescue is ongoing, the server should have the `OS-EXT-STS:vm_state` of `rescued` and the status of `RESCUE`.

```
$ openstack server show -v OS-EXT-STS:vm_state -c status <server_id>
+-----+-----+
| Field          | Value      |
+-----+-----+
| OS-EXT-STS:vm_state | rescued    |
| status          | RESCUE     |
+-----+-----+
```

Accessing the server in rescue mode

You can now proceed to accessing the remote console of your server, **as you would with any other newly launched server**.

Please refer to the **System Rescue documentation** documentation for details on the available tools and features bundled with System Rescue.

Last update: 2022-12-07

Created: 2022-12-07

Authors: Hosam Al Ali