



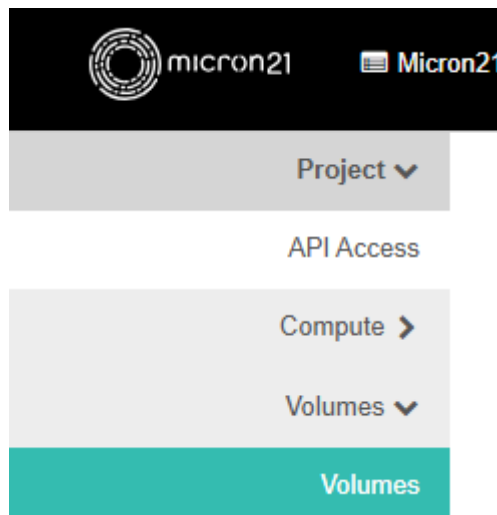
How to convert a Volume to an Image in mCloud

Vincent (Vinnie) Curle - 2025-01-17 - mCloud

This article details the steps required to convert Volume to an Image in the mCloud Dashboard

Method

1. Log into mCloud at <https://mcloud.micron21.com/>
2. Navigate to Project > Volumes > Volumes



1.

3. Locate the volume you'd like to convert to an Image.
4. Open the drop-down menu on the right and select "Upload to Image".
5. Give the new image a name, and leave the disk format as "Raw"

Upload Volume to Image ✕

Volume Name *

Image Name *

Disk Format

Description:
Upload the volume to the Image Service as an image. This is equivalent to the `cinder upload-to-image` command.
Choose "Disk Format" for the image. The volume images are created with the QEMU disk image utility.

1.

6. Allow time for the upload to complete, then navigate to Compute > Images
 7. Locate the Image you just created and from the drop-down menu select "Edit Image"
 8. Set a Description and decide on Visibility as required, then click Next
 9. On the left, click the down arrow on the "libvirt Driver Options for Images" and click the + on Firmware Type.
 10. On the right-hand side, set the firmware type to match what you set when you uploaded the ISO. Then click 'Update Image'
1. Note: If this setting is unset, the system will assume BIOS mode

Edit Image ✕

Image Details

Metadata

You can specify resource metadata by moving items from the left column to the right column. In the left column there are metadata definitions from the Glance Metadata Catalog. Use the "Custom" option to add metadata with the key of your choice.

Available Metadata	Filter	Existing Metadata	Filter
libvirt Driver Options		hw_firmware_type	uefi
libvirt Driver Options for Images		os_hash_algo	sha512
CD-ROM Bus		os_hash_value	ed394d8ff7d6a...
Disk Bus		os_hidden	false
Hide hypervisor id		stores	rbd
Kernel Command Line			
Machine Type			
Max Video Ram			
Multiqueue Enabled			
OS Type			

Firmware Type (*hw_firmware_type*)

Specifies whether the image should be booted with a legacy BIOS or with UEFI.

2. ✕ Cancel < Back Next > ✓ Update Image