



[Knowledgebase](#) > [mCloud](#) > [How to upload an ISO to the mCloud Dashboard](#)

How to upload an ISO to the mCloud Dashboard

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Micron21 provides a range of popular ISO images that can be used from your mCloud dashboard.

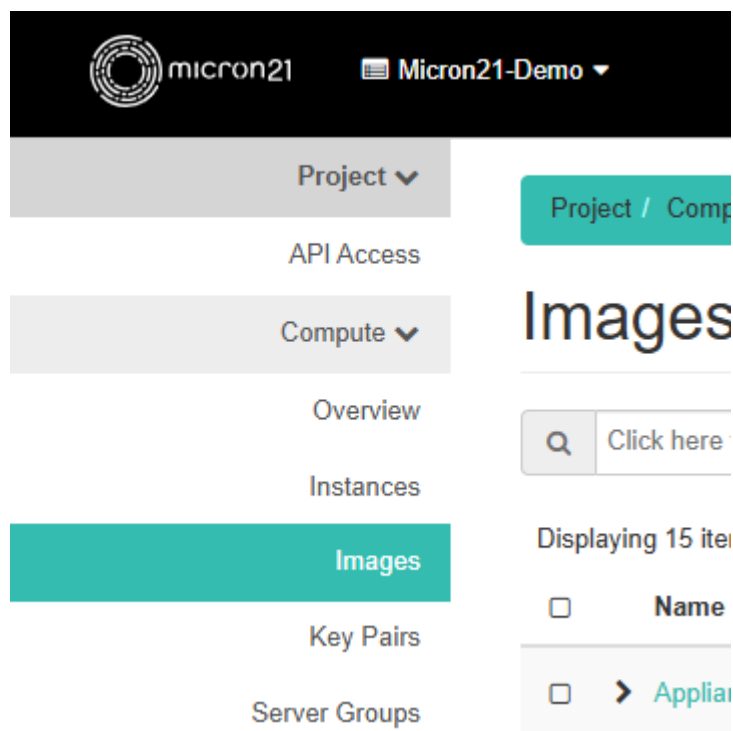
However, if there is an alternative ISO image you'd like to make available for new instances, this article details how you can upload a new ISO to your mCloud Dashboard.

Prerequisites:

Ensure that you've obtained the desired new ISO. In this example, we will use CloudLinux 8

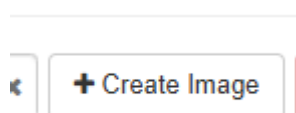
Method:

1. Log in to mCloud: <https://mcloud.micron21.com>



1.

2. Navigate to Compute > Images and Click "+ Create Image"



1.

3. Under Image Details enter the required details as follows

1. Enter a name for the ISO, this will be displayed as the name moving forward.
2. Enter a description if required
3. Under 'File' upload the ISO file you've downloaded
4. Under Format select the matching format type, ISO - Optical Disk Image
5. Under Image Requirements, you will need to set the minimum requirements and any other requirements as per the ISO image documentation.

1. **Visibility & Protection:**

Private visibility: Limits the image to only you seeing the cloud image.

Shared visibility: Makes the image available to all members of your project.

Protected: Prevents deletion of the image by everyone, and has to be turned off manually before the image can be deleted.

Create Image ✕

Image Details

Metadata

Image Details

Specify an image to upload to the Image Service.

Image Name

CloudLinux-8.9

Image Description

Uploaded 12/2024

Image Source

File*

Choose File

CloudLinux-8.9-x86_64-minimal.iso

Format*

ISO - Optical Disk Image

Image Requirements

Kernel

Choose an image

Ramdisk

Choose an image

Architecture

amd64

Minimum Disk (GB)

0

Minimum RAM (MB)

2048

Image Sharing

Visibility

Private Shared

Protected

Yes No

✕ Cancel

< Back

Next >

✓ Create Image

4. In Metadata > Available Metadata scroll down and click on the Down Arrow for "libvirt Driver Options for Images" to show the dropdown options.
5. Click the "+" option for Firmware Type to add it to the 'Existing Metadata field.
6. Then from the drop down select the appropriate firmware type, in this case, we've selected the uefi type.

Create 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

Q

image Signature verification

+

Instance Config Data

+

libvirt Driver Options

+

libvirt Driver Options for Images

+

CD-ROM Bus

+

Disk Bus

+

Hide hypervisor id

+

Kernel Command Line

+

Machine Type

+

Max Video Ram

+

Existing Metadata

Filter

Q

hw_firmware_type

uefi

-

Firmware Type (*hw_firmware_type*)

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

1.

✕ Cancel

< Back

Next >

✓ Create Image

2. **Note:** in most cases, you will not need to add any additional Metadata options. But if required, you can add additional metadata types as explained above as necessary

7. Click "Create Image". This will start the ISO upload and could take a while, depending on your upload speed and the ISO size.

8. Once completed, check that the new image appears in your image list

1.

Project	Compute	Images
API Access		
Compute		
Overview		
Instances		
Images		
Key Pairs		
Server Groups		

cloud

Create Image

Delete Images

Name	Type	Status	Visibility	Protected	Disk Format	Size
CloudLinux-9.9	Image	Active	Private	No	ISO	1.97 GB