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## 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: <u>https://mcloud.micron21.com</u>



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



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.

Image Details	Image Details		
Metadata	Specify an image to upload to the Image Service. Image Name	Image Description	
	CloudLinux-8.9	Uploaded 12/2024	
	Image Source		
	File*		
	Choose File CloudLinux-8.9-x86_64-minimal.iso		
	Format*		
	ISO - Optical Disk Image	•	
	Image Requirements		
	Kernel	Ramdisk	
	Choose an image	Choose an image	
	Architecture	Minimum Disk (GB)	Minimum RAM (ME
	amd64	0	2048
	Image Sharing		
	Visibility	Protected	
		N/ N	

- In Metadata > Avliable 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.

Image Details	column there are metadata	definitions from	the Glance Meta	data Catalog. Use the "Custor	n" option to ad	d
Metadata	metadata with the key of yo	ur choice.				
	Available Metadata	Filter	Q	Existing Metadata	Filter	
	Image Signature verm	cation	<b>*</b>	hw firmware type	uefi	
	> Instance Config Data		•	IIW_IIIIIWare_type	, dell	·
	> libvirt Driver Options					
	✓ libvirt Driver Options f	for Images				
	CD-ROM Bus					
	Disk Bus					
	Hide hypervisor id					
	Kernel Command Li	ne				
	Machine Type					
	Max Video Ram		<b>+ -</b>			
	Firmware Type (hw_firm	mware_type)				
	Specifies whether the in	nage should be	booted with a leg	acy BIOS or with UEFI.		

- 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

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	Project 🗸	Deviced / Commute / Instance							
	API Access	Project Composer mages							
	Compute 🗸	Images							
	Overview	O doud						* Create Image	1 Delete Images
	Instances	<b>4</b> 0000							- occus mages
	Images	Displaying 1 item							
	Key Pairs	Name *	Туре	Status	Visibility	Protected	Disk Format	Size	
	Server Groups	CloudLinux-8.9	Image	Active	Private	No	ISO	1.97 GB	Launch +