



How to update instance metadata in mCloud

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This guide details the steps required to update your VM instance's metadata via the mCloud Dashboard

Method

1. Log into mCloud here: <https://mcloud.micron21.com>
2. Navigate to Project > Compute > Instances

The screenshot shows the mCloud dashboard interface. At the top, there is a header with the micron21 logo and the project name "Micron21-Demo". Below the header, there is a navigation bar with several tabs: "Project", "API Access", "Compute", and "Instances". The "Instances" tab is highlighted with a teal background. On the left side, there is a sidebar with a "Overview" section and a "Instances" button, which is also highlighted with a teal background. The main content area is partially visible, showing some instance details.

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3. Locate the Instance you'd like to assign metadata to, then select the drop-down menu on the right

The screenshot shows the mCloud Instances page. At the top, there is a search bar and a "More Actions" button. Below the search bar, there is a table with columns: Instance ID, Instance Name, Image Name, IP Address, Flavor, Key Pair, Status, Availability Zone, Task, Power State, Age, and Actions. A single instance row is visible, with the "Demo-VM" listed under Instance Name and IP Address 111.223.236.215. To the right of the table, a context menu is open, listing various actions such as Associate Floating IP, Attach Interface, Detach Interface, Edit Instance, Attach Volume, Detach Volume, Update Metadata, Edit Security Groups, Edit Port Security Groups, Console, View Log, Rescue Instance, Pause Instance, Suspend Instance, Show Instance, Recode Instance, Lock Instance, Soft Reboot Instance, Hard Reboot Instance, Shut Off Instance, Rebuild Instance, and Delete Instance.

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4. Select "Update metadata"

Age	Actions
9 minutes	<div style="display: flex; align-items: center;"> Create Snapshot ▼ </div> <div style="background-color: #f0f0f0; padding: 5px; margin-top: 5px;"> Associate Floating IP Attach Interface Detach Interface Edit Instance Attach Volume Detach Volume Update Metadata </div>

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5. You can assign a pre-defined metadata object by locating the applicable object on the left column “Available Metadata” and clicking + to add the object to the ‘Existing Metadata’ column. then click save.

Update Instance 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
Custom	+	
➤ Database Software	+	
➤ Runtime Environment	+	
➤ Web Servers	+	
➤ Apache HTTP Server	+	
➤ IIS	+	
➤ Nginx	+	
HTTPS Port	+	
Version	+	

Existing Metadata	Filter	Q
sw_webserver_nginx... 80	-	

HTTP Port (sw_webserver_nginx_http_port)
The configured TCP/IP port on which the web server listens for incoming HTTP connections.

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✖ Cancel Save

6. To add custom metadata objects enter the tag name in the appropriate box and then click the + button

Update Instance Metadata

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The screenshot shows a 'Available Metadata' interface with a search bar and a 'Filter' button. Below it is a table with two columns: 'Custom' and 'custom_metadata_tag'. A blue '+' button is located at the bottom right of the table. The 'Custom' column contains one item, and the 'custom_metadata_tag' column contains one item.

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7. Enter the required custom metadata to the object on the right column then click 'Save'

The screenshot shows the 'Update Instance Metadata' dialog. It has two main sections: 'Available Metadata' on the left and 'Existing Metadata' on the right. The 'Available Metadata' section includes a 'Custom' item and three collapsed categories: 'Database Software', 'Runtime Environment', and 'Web Servers'. The 'Existing Metadata' section shows a 'custom_metadata_tag' item mapped to 'custom_data'. Below these sections is a note about 'custom_metadata_tag (custom_metadata_tag)'. At the bottom right are 'Cancel' and 'Save' buttons.

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