

# Adding & Managing Custom Attributes

Custom Attributes enable you to tag devices with label-value pairs. This labeling becomes especially useful in maps and reports because it enables you to filter out extraneous results and focus on those you need.

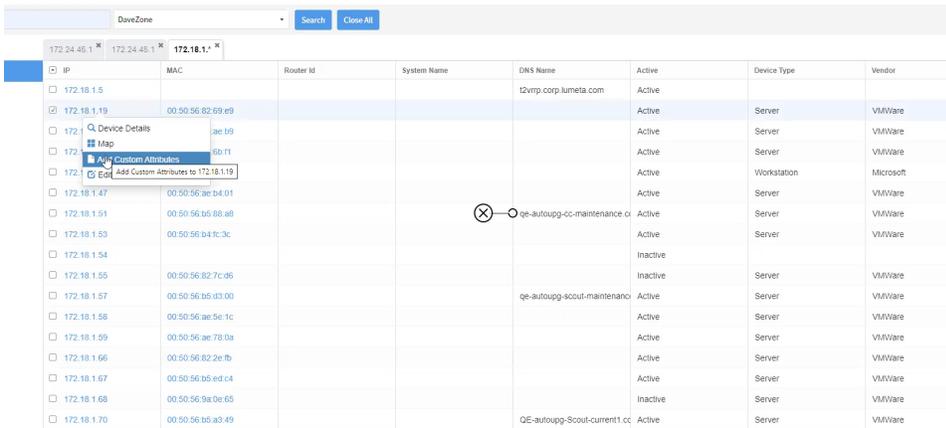
Adding custom attributes enables your organization to include its internal labels and descriptors to devices used in reporting, mapping, and in dashboards. All the characteristics associated with a network device are "attributes." Assign custom attributes when you want to associate infrastructure with a characteristic that is unique to your environment such as a geographical location, business organization or structure, classification, purpose, or initiative.

Managers and users with Superuser privileges can populate the custom attribute list by completing the Custom Attributes form or by importing a file of custom attributes. To add one or two attributes, Lumeta recommends that you use the form. Otherwise, import a file containing the attributes.

## Adding Custom Attributes

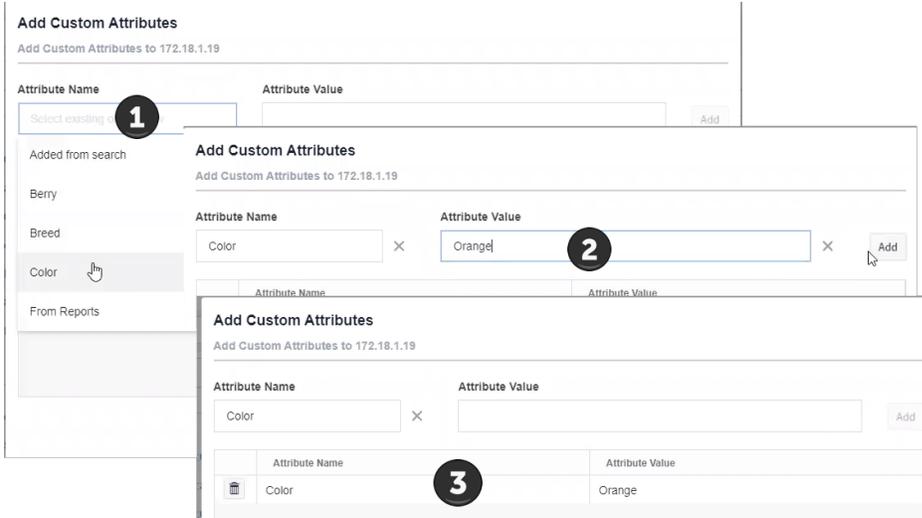
To add custom attributes to a particular device record:

1. Right-click a device's IP or MAC address.
2. Select the **Add Custom Attributes** option from the context menu.



IP	MAC	Router Id	System Name	DNS Name	Active	Device Type	Vendor
172.24.45.1	172.24.45.1						
172.18.1.5				l2vmp.corp.lumeta.com	Active		
172.18.1.19	00:50:56:82:69:e9				Active	Server	VMWare
172.18.1.47	00:50:56:ae:b4:01				Active	Server	VMWare
172.18.1.51	00:50:56:b5:88:a8				Active	Server	VMWare
172.18.1.53	00:50:56:b4:1c:3c				Active	Server	VMWare
172.18.1.54					Inactive		
172.18.1.55	00:50:56:82:7c:d6				Inactive	Server	VMWare
172.18.1.57	00:50:56:b5:d3:00			qe-autougg-scout-maintenanc	Active	Server	VMWare
172.18.1.58	00:50:56:ae:5e:1c				Active	Server	VMWare
172.18.1.59	00:50:56:ae:78:0a				Active	Server	VMWare
172.18.1.66	00:50:56:82:2e:fb				Active	Server	VMWare
172.18.1.67	00:50:56:b5:ed:c4				Active	Server	VMWare
172.18.1.68	00:50:56:9a:0e:65				Inactive	Server	VMWare
172.18.1.70	00:50:56:b5:a3:49			QE-autougg-Scout-current1.c	Active	Server	VMWare

3. Enter an Attribute Name and an Attribute Value.



**Add Custom Attributes**  
Add Custom Attributes to 172.18.1.19

Attribute Name:  Attribute Value:  Add

Added from search

Berry

Breed

Color

From Reports

**Add Custom Attributes**  
Add Custom Attributes to 172.18.1.19

Attribute Name:  Attribute Value:  Add

Color  Orange  Add

**Add Custom Attributes**  
Add Custom Attributes to 172.18.1.19

Attribute Name	Attribute Value
Color	Orange

The custom attribute is added.

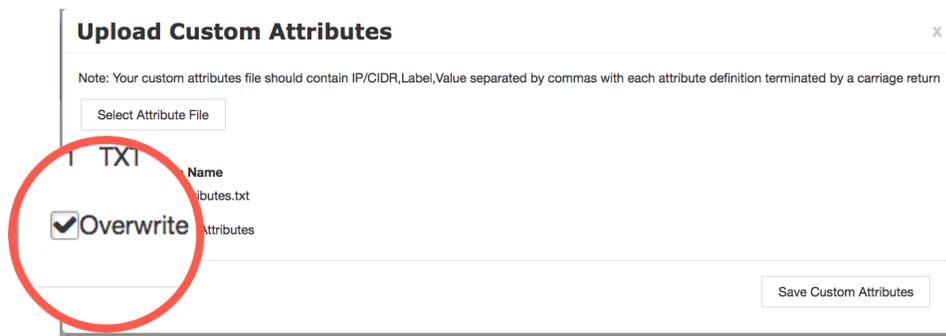
## Uploading Custom Attributes

To upload a file containing custom attributes, use this process.

Here's how:

1. Browse to **Settings > Zones**.
2. In the Available Zones column, select a zone.
3. Input or upload a list of attributes containing entries for the IP/CIDR address, Label, and Value. [This page](#) shows sample upload files, so you can see the syntax.

4. Opt to Overwrite or Append upon upload. The Label:Value pair serves as the match key and there is some subtlety to how this option works. Please see [Overwriting vs. Appending Custom Attributes](#) for a self-guided exercise with sample files on this topic.



**Upload Custom Attributes**

Note: Your custom attributes file should contain IP/CIDR,Label,Value separated by commas with each attribute definition terminated by a carriage return

Select Attribute File

TXI Name  
tributes.txt  
tributes

Overwrite

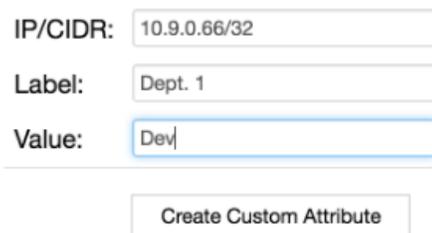
Save Custom Attributes



The file successfully uploaded but may not immediately display. Please refresh the page periodically.

OK

- If you upload a /32, the /32 part of the CIDR notation will be dropped.
- If you upload a /32 but accidentally input it as a /16, the system will replace the entry with a /16 CIDR. For example, a 10.9.0.6/16 will import to 10.9.0.0/16.
- Entries are case-sensitive and space-sensitive: Berries, berries, and Berrie s, will all be treated as different attributes.



IP/CIDR: 10.9.0.66/32

Label: Dept. 1

Value: Dev

Create Custom Attribute

5. Your entries display on the Custom Attributes list.

## Deleting Custom Attributes

To delete one or more attributes, select the checkbox associated with those you want to purge and click **Delete**.

Maps ▾  R

**From 10.9.0.112**

This will remove 3 attributes

Do you want to continue?

Cancel OK

Zone Collecto

Add ▾ Delete Upload Download

	IP/CIDR	Label	Value
<input checked="" type="checkbox"/>	10.0.0.0/8	Berries	Cherry
<input checked="" type="checkbox"/>	10.9.0.0/16	Berries	Boysenberry
<input type="checkbox"/>	10.9.0.17	Berries	Strawberry
<input checked="" type="checkbox"/>	10.9.0.27	Berries	Raspberry
<input type="checkbox"/>	10.9.0.41	Berries	Blackberry
<input type="checkbox"/>	10.9.0.244	Berries	Blueberry
<input type="checkbox"/>	65.246.0.0/16	Berries	Gooseberry
<input type="checkbox"/>	172.18.0.0/16	Berries	Currant

## Downloading Custom Attributes

To download custom attributes as a txt file,

1. Browse to **Settings > Zones > Custom Attributes**.
  2. Select the attributes to download.
  3. Click **Download**.
- The attributes download to your local system as a txt file.