



Viewing and Adding Flows

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Viewing Flows



Note This functionality is applicable only for OpenFlow mode of deployment.

On the **Flows** tab, the following fields are displayed:

- Serial Number
- Status
- Flow Name
- Node

What to do next

Click + **Flow** to add a flow.

Adding a Flow

Procedure

- Step 1** Navigate to the **Flows** tab under **Administration**, click + **Flow** to add a flow.
- Step 2** On the **Add Flow Description** window, update the following fields:

Name	Description
Name field	<p>The name that you want to assign to the flow.</p> <p>Note You cannot change the name of the flow entry after it is saved.</p>
Select a Node drop-down list	<p>Select a node name for the device.</p> <p>Note The node you choose cannot be changed one you save the flow entry.</p>
Input Port drop-down list	<p>Choose the port on the node where traffic enters the flow.</p>
Priority field	<p>The priority that you want to apply to the flow. The default priority is 500. Flows with a higher priority are given precedence over flows with a lower priority.</p> <p>Note The priority is considered only when all of the Layer 2, Layer 3, and Layer 4 match fields are equal.</p>
Hard Timeout field	<p>The amount of time in milliseconds for the flow to be installed before it is removed from the flow table.</p>
Idle Timeout field	<p>The amount of time in milliseconds that the flow can be idle before it is removed from the flow table.</p>
Layer 2	
Ethernet Type field	<p>The Ethernet type for the Layer 2 traffic. The Ethernet type for IPv4, in hexadecimal format, is displayed by default. Either accept the default value, or enter one of the following, in hexadecimal format:</p> <ul style="list-style-type: none"> • IPv6 • ARP • LLDP
VLAN Identification Number field	<p>The VLAN ID for the Layer 2 traffic.</p>
VLAN Priority field	<p>The VLAN priority for the Layer 2 traffic.</p>
Source MAC Address field	<p>The source MAC address for the Layer 2 traffic.</p>
Destination MAC Address field	<p>The destination MAC address for the Layer 2 traffic.</p>
Layer 4	
Source Port field	<p>The source port of the Layer 4 traffic.</p>
Destination Port field	<p>The destination port of the Layer 4 traffic.</p>

Name	Description
Protocol field	The Internet protocol number of the Layer 4 traffic. Enter the IP protocol number in decimal, hexadecimal, or octal format.
Actions drop-down list	Select an action from the drop-down list.

Step 3 Click **Install Flow** to install the flow into the device OR click **Save Flow** to save the flow to the **Flow Entries** table, but the system does not install the flow in the flow table of the device.
