Viewing and Adding Flows

This chapter contains the following sections:

Viewing Flows

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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

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	The name that you want to assign to the flow. **Note** You cannot change the name of the flow entry after it is saved.
Select a Node drop-down list	Select a node name for the device. **Note** The node you choose cannot be changed one you save the flow entry.
Input Port drop-down list	Choose the port on the node where traffic enters the flow.
Priority field	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. **Note** The priority is considered only when all of the Layer 2, Layer 3, and Layer 4 match fields are equal.
Hard Timeout field	The amount of time in milliseconds for the flow to be installed before it is removed from the flow table.
Idle Timeout field	The amount of time in milliseconds that the flow can be idle before it is removed from the flow table.
Layer 2	
Ethernet Type field	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: • IPv6 • ARP • LLDP
VLAN Identification Number field	The VLAN ID for the Layer 2 traffic.
VLAN Priority field	The VLAN priority for the Layer 2 traffic.
Source MAC Address field	The source MAC address for the Layer 2 traffic.
Destination MAC Address field	The destination MAC address for the Layer 2 traffic.
Layer 4	
Source Port field	The source port of the Layer 4 traffic.
Destination Port field	The destination port of the Layer 4 traffic.

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.