

## show ethernet-switching mac-learning-log

<b>Syntax</b>	show ethernet-switching mac-learning-log
<b>Release Information</b>	Command introduced in JUNOS Release 9.0 for EX Series switches.
<b>Description</b>	Displays the event log of learned MAC addresses.
<b>Required Privilege Level</b>	view
<b>Related Topics</b>	<ul style="list-style-type: none"><li>■ show ethernet-switching table</li><li>■ show ethernet-switching interfaces</li><li>■ Example: Setting Up Basic Bridging and a VLAN for an EX Series Switch</li><li>■ Example: Setting Up Bridging with Multiple VLANs for EX Series Switches</li><li>■ Example: Configure Automatic VLAN Administration Using GVRP</li><li>■ Example: Connecting an Access Switch to a Distribution Switch</li></ul>
<b>List of Sample Output</b>	show ethernet-switching mac-learning-log on page 1
<b>Output Fields</b>	Table 1 lists the output fields for the show ethernet-switching mac-learning-log command. Output fields are listed in the approximate order in which they appear.

**Table 1: show ethernet-switching mac-learning-log Output Fields**

Field Name	Field Description
Date and Time	Timestamp when the MAC address was added or deleted from the log.
vlan_name	VLAN name. A value defined by the user for all user-configured VLANs.
MAC	Learned MAC address.
Deleted   Added	MAC address deleted or added to the MAC learning log.
Blocking	The forwarding state of the interface: <ul style="list-style-type: none"><li>■ blocked—Traffic is not being forwarded on the interface.</li><li>■ unblocked—Traffic is forwarded on the interface.</li></ul>

```
show ethernet-switching mac-learning-log
user@switch> show ethernet-switching mac-learning-log
Mon Feb 25 08:07:05 2008
  vlan_name v1 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
  vlan_name v9 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
  vlan_name HR_vlan mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
  vlan_name v3 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
```

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vlan_name v12 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
vlan_name v13 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
vlan_name sales_vlan mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
vlan_name employee1 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
vlan_name employee2 mac 00:00:00:00:00:00 was deleted
Mon Feb 25 08:07:05 2008
vlan_name v3 mac 00:00:00:00:00:00 was added
Mon Feb 25 08:07:05 2008
vlan_name HR_vlan mac 00:00:00:00:00:00 was added
Mon Feb 25 08:07:05 2008
vlan_name employee2 mac 00:00:00:00:00:00 was added
Mon Feb 25 08:07:05 2008
vlan_name employee1 mac 00:00:00:00:00:00 was added
Mon Feb 25 08:07:05 2008
vlan_name employee2 mac 00:00:05:00:00:05 was learned
Mon Feb 25 08:07:05 2008
vlan_name employee1 mac 00:30:48:90:54:89 was learned
Mon Feb 25 08:07:05 2008
vlan_name HR_vlan mac 00:00:5e:00:01:00 was learned
Mon Feb 25 08:07:05 2008
vlan_name sales_vlan mac 00:00:5e:00:01:08 was learned
[output truncated]
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