

Verifying That MAC Move Limiting Is Working Correctly

Purpose Verify that MAC move limiting is working on the switch.

Action Display the MAC addresses in the Ethernet switching table when MAC move limiting has been configured for a VLAN. The following sample shows results after two of the hosts on `ge-0/0/2` sent DHCP requests after the MAC addresses for those hosts had moved to other interfaces more than five times in 1 second. The VLAN, `employee-vlan`, was set to a MAC move limit of 5 with the action `drop`:

`user@switch> show ethernet-switching table`

Ethernet-switching table: 7 entries, 4 learned

VLAN	MAC address	Type	Age	Interfaces
employee-vlan	00:05:85:3A:82:77	Learn	0	ge-0/0/1.0
employee-vlan	00:05:85:3A:82:79	Learn	0	ge-0/0/1.0
employee-vlan	00:05:85:3A:82:80	Learn	0	ge-0/0/2.0
employee-vlan	00:05:85:3A:82:81	Learn	0	ge-0/0/2.0
employee-vlan	*	Flood	-	ge-0/0/2.0
employee-vlan	*	Flood	-	ge-0/0/2.0

Meaning The last two lines of the sample output show that DHCP requests for two hosts on `ge-0/0/2` were dropped when the hosts had been moved back and forth from the original interfaces more than five times in 1 second. The MAC addresses for those hosts were not learned.



NOTE: For descriptions of the results of the various action settings—`drop`, `log`, and `shutdown`—see [Verifying That MAC Limiting Is Working Correctly](#)

- Related Topics**
- [Configuring MAC Move Limiting \(CLI Procedure\)](#)
 - [Configuring MAC Move Limiting \(J-Web Procedure\)](#)
 - [Example: Configuring Port Security, with DHCP Snooping, DAI, MAC Limiting, and MAC Move Limiting, on an EX-series Switch](#)
 - [Monitoring Port Security](#)

