

## Verifying That MAC Move Limiting Is Working Correctly

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**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](#)

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- 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](#)

