

## allowed-mac

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**Syntax**    `allowed-mac {  
                  mac-address-list;  
                  }`

**Hierarchy Level**    [edit ethernet-switching-options secure-access-port interface (all | *interface-name*)]

**Release Information**    Statement introduced in JUNOS Release 9.0 for EX Series switches.

**Description**    Specify particular MAC addresses to be added to the MAC address cache.

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**NOTE:** Although this configuration restricts the addresses that can be added to the MAC address cache, it does not block the switch from receiving Layer 2 control packets—such as Link Layer Discovery Protocol (LLDP) packets—transmitted from MAC addresses that are not specified in the list of allowed MAC addresses. Control packets do not undergo the MAC address check and they are therefore included in the statistics of packets received. However, they are not forwarded to another destination. They are trapped within the switch.

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**Default**    Allowed MAC addresses take precedence over dynamic MAC values that have been applied with the **mac-limit** statement.

**Options**    *mac-address-list*—One or more MAC addresses configured as allowed MAC addresses for a specified interface or all interfaces.

**Required Privilege Level**    routing—To view this statement in the configuration.  
                                  routing-control—To add this statement to the configuration.

- Related Topics**
- [mac-limit](#)
  - [Example: Configuring Port Security, with DHCP Snooping, DAI, MAC Limiting, and MAC Move Limiting, on an EX Series Switch](#)
  - [Example: Configuring Allowed MAC Addresses to Protect the Switch from DHCP Snooping Database Alteration Attacks](#)
  - [Example: Configuring MAC Limiting, Including Dynamic and Allowed MAC Addresses, to Protect the Switch from Ethernet Switching Table Overflow Attacks](#)
  - [Example: Configuring MAC Limiting to Protect the Switch from DHCP Starvation Attacks](#)
  - [Configuring MAC Limiting \(CLI Procedure\)](#)
  - [Configuring MAC Limiting \(J-Web Procedure\)](#)
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