

vlan

Syntax `vlan {
 vlan-name {
 description text-description;
 dot1q-tunneling {
 customer-vlans (id | range)
 }
 filter input filter-name;
 filter output filter-name;
 interface interface-name;
 l3-interface vlan.logical-interface-number;
 mac-limit number;
 mac-table-aging-time seconds;
 no-local-switching;
 no-mac-learning;
 primary-vlan vlan-name;
 vlan-id number;
 vlan-range vlan-id-low-vlan-id-high;
 }
}`

Hierarchy Level [edit]

Release Information Statement introduced in JUNOS Release 9.0 for EX-series switches.
Options `dot1q-tunneling`, `no-local-switching`, and `primary-vlan` introduced in JUNOS Release 9.3 for EX-series switches.
Periods (.) in VLAN names introduced in JUNOS Release 9.4 for EX-series switches.
Option `no-mac-learning` introduced in JUNOS Release 9.5 for EX-series switches.

Description Configure VLAN properties on EX-series switches.

Default If you use the default factory configuration, all switch interfaces become part of the VLAN default.

Options *vlan-name*—Name of the VLAN. The name can contain letters, numbers, hyphens (-), and periods (.) and can be up to 255 characters long.

The remaining statements are described separately.

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

Related Topics

- Configuring VLANs for EX-series Switches (CLI Procedure)
- Configuring VLANs for EX-series Switches (J-Web Procedure)
- Configuring Q-in-Q Tunneling (CLI Procedure)
- Creating a Series of Tagged VLANs (CLI Procedure)
- Configuring Routed VLAN Interfaces (CLI Procedure)

- Creating a Private VLAN (CLI Procedure)
- Understanding Bridging and VLANs on EX-series Switches