

## vlan

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**Syntax**    `vlan (all | vlan-name) {  
                  interface interface-name;  
                  }`

**Hierarchy Level**    [edit ethernet-switching-options unknown-unicast-forwarding]

**Release Information**    Statement introduced in JUNOS Release 9.3 for EX Series switches.  
Statement updated with enhanced ? (CLI completion feature) functionality in JUNOS Release 9.5 for EX Series switches.

**Description**    Specify a VLAN from which unknown unicast packets will be forwarded or specify that the packets will be forwarded from all VLANs. Unknown unicast packets are forwarded from a VLAN to a specific trunk interface.

The `interface` statement is explained separately.



**TIP:** To display a list of all configured VLANs on the system, including VLANs that are configured but not committed, type ? after `vlan` or `vlangs` in your configuration mode command line. Note that only one VLAN is displayed for a VLAN range.

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**Options**    `all`—All VLANs.

`vlan-name`—Name of a VLAN.

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

**Related Topics**    ■ `show vlans`  
■ `show ethernet-switching table`  
■ Configuring Unknown Unicast Forwarding (CLI Procedure)  
■ Verifying That Unknown Unicast Packets Are Forwarded to a Trunk Interface  
■ Understanding Unknown Unicast Forwarding on EX Series Switches

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