

## vlan

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**Syntax** `vlan (vlan-id | vlan-name) {  
 bridge-priority priority;  
 forward-delay seconds;  
 hello-time seconds;  
 interface (all | interface-name) {  
 bpdu-timeout-action {  
 block;  
 alarm;  
 }  
 cost cost;  
 disable;  
 edge;  
 mode mode;  
 no-root-port;  
 priority priority;  
 }  
 max-age seconds;  
 traceoptions {  
 file filename <files number > <size size> <no-stamp | world-readable |  
 no-world-readable>;  
 flag flag;  
 }  
}`

**Hierarchy Level** [edit protocols mstp msti *msti-id*],  
[edit protocols vstp]

**Release Information** Statement introduced in JUNOS Release 9.0 for EX Series switches.  
Statement updated with enhanced ? (CLI completion feature) functionality in JUNOS Release 9.5 for EX Series switches.

**Description** Configure the VLANs for a Multiple Spanning Tree Instance (MSTI).  
  
The remaining statements are 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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**Default** Not enabled.

**Options** `vlan-id`—Numeric VLAN identifier.  
  
`vlan-name`—Name of the VLAN.

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

- Related Topics**
- Example: Configuring Network Regions for VLANs with MSTP on EX Series Switches
  - Understanding MSTP for EX Series Switches
  - Understanding VSTP for EX Series Switches

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