

## alarm

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**Syntax**    alarm;

**Hierarchy Level**    [edit protocols mstp interface (all | *interface-name*) bpdu-timeout-action],  
[edit protocols rstp interface (all | *interface-name*) bpdu-timeout-action],  
[edit protocols stp interface (all | *interface-name*) bpdu-timeout-action],  
[edit protocols vstp vlan *vlan-id* interface (all | *interface-name*) bpdu-timeout-action]

**Release Information**    Statement introduced in JUNOS Release 9.1 for EX-series switches.  
Statement updated in JUNOS Release 9.4 for EX-series switches to add VSTP support.

**Description**    For interfaces configured for loop protection, configure the software to generate a message to be sent to the system log file to record the loop-protection event.

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

**Related Topics**

- show spanning-tree bridge
- show spanning-tree interface
- Example: Configuring Network Regions for VLANs with MSTP on EX-series Switches
- Example: Configuring Faster Convergence and Improving Network Stability with RSTP on EX-series Switches
- Example: Configuring Loop Protection to Prevent Interfaces from Transitioning from Blocking to Forwarding in a Spanning Tree on EX-series Switches
- Understanding Loop Protection for STP, RSTP, and MSTP on EX-series Switches
- Understanding VSTP for EX-series Switches

