

## mstp

---

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

**Hierarchy Level** [edit protocols]

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

**Description** Configure Multiple Spanning Tree Protocol (MSTP). MSTP is defined in the IEEE 802.1Q-2003 specification and is used to create a loop-free topology in networks with multiple spanning tree regions.

The statements are explained separately.

**Default** MSTP is disabled.

**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
  - Understanding MSTP for EX-series Switches