

## stp

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**Syntax**    stp {  
              disable;  
              bridge-priority *priority*;  
              forward-delay *seconds*;  
              hello-time *seconds*;  
              interface (all | *interface-name*) {  
                  disable;  
                  bpdu-timeout-action {  
                      block;  
                      alarm;  
                  }  
                  cost *cost*;  
                  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]

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

**Description**    When you explicitly configure STP, the EX-series switches use the IEEE 802.1D 2004 specification, force version 0. This configuration runs a version of RSTP that is compatible with the classic, basic STP (defined in the IEEE 802.1D 1998 specification).

The remaining statements are explained separately.

**Default**    STP is disabled; by default, RSTP is enabled on all Ethernet switching ports.

**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 BPDU Protection on STP Interfaces to Prevent STP Miscalculations on EX-series Switches  
                      ■ Configuring STP (CLI Procedure)  
                      ■ Understanding STP for EX-series Switches

