

## rstp

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**Syntax**    `rstp {  
    disable;  
    bpdu-block-on-edge;  
    bridge-priority priority;  
    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;  
    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**    Configure Rapid Spanning Tree Protocol (RSTP). RSTP is defined in the IEEE 802.1D-2004 specification and is used to prevent loops in Layer 2 networks, providing shorter convergence times than those provided with basic STP.

The statements are explained separately.

**Default**    RSTP is enabled on all Ethernet switching interfaces.

**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 Faster Convergence and Improving Network Stability with RSTP on EX-series Switches  
    ■ Understanding RSTP for EX-series Switches

