

interface

Syntax interface (all | [*interface-names*]) {
 disable;
 guest-vlan (*vlan-name* | *vlan-id*);
 mac-radius <restrict>;
 maximum-requests *number*;
 no-reauthentication;
 quiet-period *seconds*;
 reauthentication {
 interval *seconds*;
 }
 retries *number*;
 server-fail (deny | permit | use-cache | *vlan-id* | *vlan-name*);
 server-reject-vlan (*vlan-id* | *vlan-name*);
 server-timeout *seconds*;
 supplicant (single | single-secure | multiple);
 supplicant-timeout *seconds*;
 transmit-period *seconds*;
}

Hierarchy Level [edit protocols dot1x authenticator]

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

Description Configure 802.1X authentication for Port-Based Network Access Control for all interfaces or for specific interfaces.

Options all—Configure all interfaces for 802.1X authentication.

[*interface-names*]— List of names of interfaces to configure for 802.1X authentication.

The remaining statements are explained separately.

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

- Related Topics**
- show dot1x
 - Example: Setting Up 802.1X for Single Supplicant or Multiple Supplicant Configurations on an EX-series Switch
 - Example: Setting Up 802.1X in Conference Rooms to Provide Internet Access to Corporate Visitors on an EX-series Switch
 - Example: Setting Up VoIP with 802.1X and LLDP-MED on an EX-series Switch
 - Example: Setting Up 802.1X for Nonresponsive Hosts on an EX-series Switch
 - Example: Setting Up 802.1X for Nonresponsive Hosts on an EX-series Switch and a RADIUS Server
 - Configuring 802.1X Authentication (CLI Procedure)

- Configuring 802.1X Authentication (J-Web Procedure)
- Configuring MAC RADIUS Authentication (CLI Procedure)