

dot1x

Syntax dot1x {
 authenticator {
 authentication-profile-name *access-profile-name*;
 static {
 mac-address {
 vlan-assignment (*vlan-id* | *vlan-name*);
 interface *interface-names*;
 }
 }
 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]

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

Description Configure 802.1X authentication for Port-Based Network Access Control.



NOTE: You cannot enable 802.1X authentication on interfaces that are members of private VLANs (PVLANS).

The remaining statements are explained separately.

Default 802.1X 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 dot1x

- clear 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 MAC RADIUS Authentication (CLI Procedure)
- Configuring Server Fail Fallback (CLI Procedure)