

## authenticator

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**Syntax** authenticator {  
    authentication-profile-name *access-profile-name*;  
    interface (all | [ *interface-names* ]) {  
        disable;  
        guest-vlan ( *vlan-id* | *vlan-name*);  
        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*;  
    }  
    static mac-address {  
        interface *interface-name*;  
        vlan-assignment *vlan-identifier*;  
    }  
}

**Hierarchy Level** [edit protocols dot1x]

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

**Description** Configure an authenticator for 802.1X authentication.

The statements are explained separately.

**Default** No static MAC address or VLAN is configured.

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

**Related Topics**

- Example: Setting Up 802.1X for Nonresponsive Hosts on an EX-series Switch
- Understanding 802.1X Static MAC on EX-series Switches

