

Creating a Private VLAN (CLI Procedure)

The private VLAN (PVLAN) feature on EX-series switches allows an administrator to split a broadcast domain into multiple isolated broadcast subdomains, essentially putting a VLAN inside a VLAN.

Before you begin, make sure you set up your VLANs. See [Configuring VLANs for EX Series Switches \(CLI Procedure\)](#) or [Configuring VLANs for EX Series Switches \(J-Web Procedure\)](#).



NOTE: Configuring a voice over IP (VoIP) VLAN on private VLAN (PVLAN) interfaces is not supported.

To configure private VLANs:

1. Set the primary VLAN to have no local switching:



NOTE: The primary VLAN must be a tagged VLAN.

[edit vlans]

```
user@switch# set primary-vlan-name no-local-switching
```

2. For each community VLAN, configure access interfaces:



NOTE: The secondary VLANs must be untagged VLANs.

[edit vlans]

```
user@switch# set community-vlan-name interface ge-chassis/slot/port
```

3. For each community VLAN, set the primary VLAN:

[edit vlans]

```
user@switch# set community-vlan-name primary-vlan primary-vlan-name
```

4. For each isolated VLAN, add the interface to the primary VLAN:

[edit vlans]

```
user@switch# set primary-vlan-name interface ge-chassis/slot/port
```

- Related Topics**
- [Example: Configuring a Private VLAN on an EX Series Switch](#)
 - [Verifying That a Private VLAN Is Working](#)

- Understanding Private VLANs on EX Series Switches

Published: 2009-08-25