

## Configuring a Layer 3 Subinterface (CLI Procedure)

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EX-series switches use Layer 3 subinterfaces to divide a physical interface into multiple logical interfaces, each corresponding to a VLAN. The switch uses the Layer 3 subinterfaces to route traffic between subnets.

To configure Layer 3 subinterfaces, you enable VLAN tagging and partition one or more physical ports into multiple logical interfaces, each corresponding to a VLAN ID.

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 \(J-Web Procedure\)](#).

To configure Layer 3 subinterfaces:

1. Enable VLAN tagging:

```
[edit interfaces ge-chassis/slot/port]  
user@switch# set vlan-tagging
```

2. Bind each VLAN ID to a logical interface:

```
[edit interfaces ge-chassis/slot/port]  
user@switch# set unit logical-unit-number vlan-id vlan-id-number
```

- Related Topics**
- [Example: Configuring Layer 3 Subinterfaces for a Distribution Switch and an Access Switch](#)
  - [Verifying That Layer 3 Subinterfaces Are Working](#)
  - [Understanding Layer 3 Subinterfaces](#)

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