

## Associating VLAN IDs to VLAN Demux Interfaces

The following sections describe how to configure VLAN demux interfaces to receive and forward VLAN-tagged frames:

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### Associating VLAN IDs to VLAN Demux Interfaces Overview

To configure a VLAN demux interface to receive and forward VLAN-tagged frames, you must associate a VLAN ID or dual tagged (stacked) VLAN ID to the interface. Table 1 shows the configuration statements you use to associate VLAN IDs to VLAN demux interfaces, depending on the VLAN tag framing you use:

**Table 1: Configuration Statements Used to Associate VLAN IDs to VLAN Demux Interfaces**

	Single-Tag Framing	Dual-Tag Framing
<b>Statement Format</b>	<code>vlan-id <i>vlan-id</i>;</code>	<code>vlan-tags outer <i>tpid</i>.&lt;<i>vlan-id</i>&gt; inner <i>tpid</i><i>vlan-id</i>;</code>

You can include all of the statements at the following hierarchy levels:

- [edit interfaces *interface-name* unit *logical-unit-number*]
- [edit logical-systems *logical-system-name* interfaces *interface-name* unit *logical-unit-number*]
- [edit interfaces *demux0* unit *logical-unit-number*]

### Associating a VLAN ID to a VLAN Demux Interface

A VLAN demux interface that you have associated to a particular VLAN ID receives and forwards incoming frames that contain a matching VLAN ID. You can associate a VLAN ID to a single-tag logical interface or to a dual-tagged (stacked) logical interface.

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#### Associating a VLAN ID to a Single-Tag VLAN Demux Interface

To associate a VLAN ID to a single-tag VLAN demux interface, include the `vlan-id` statement at the [edit interfaces *demux0* unit *logical-unit-number*] hierarchy level:

```
vlan-id vlan-id;
```

To configure an interface to support single-tag logical interfaces, you must also include the `vlan-tagging` statement at the [edit interfaces *interface-name*] hierarchy level. To support mixed tagging, include the `flexible-vlan-tagging` statement instead.

## Associating a VLAN ID to a Dual-Tag VLAN Demux Interface

To associate a VLAN ID to a dual-tag VLAN demux interface, include the `vlan-tags` statement at the `[edit interfaces demux0 unit logical-unit-number]` hierarchy level:

```
vlan-tags inner <tpid.>vlan-id outer <tpid.>vlan-id;
```

To configure an interface to support dual-tag logical interfaces, include the `stacked-vlan-tagging` statement at the `[edit interfaces interface-name]` hierarchy level. To support mixed tagging, include the `flexible-vlan-tagging` statement instead.

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