

vlan-id-range

Syntax `vlan-id-range vlan-id-vlan-id`

Hierarchy Level [edit interfaces *interface-name* unit *logical-unit-number*],
[edit logical-systems *logical-system-name* interfaces *interface-name* unit *logical-unit-number*]

Release Information Statement introduced in JUNOS Release 8.4.

Description Bind a range of VLAN IDs to a logical interface.

Options `number`—The first number is the lowest VLAN ID in the range the second number is the highest VLAN ID in the range.

Range: 1 through 4094



NOTE: Configuring `vlan-id-range` with the entire `vlan-id` range is an unnecessary waste of system resources and is not best practice. It should be used only when a subset of VLAN IDs (not the entire range) needs to be associated with a logical interface. If you specify the entire range (1-4094), it has the same result as not specifying a range; however, it consumes PFE resources such as VLAN lookup tables entries, and so on.

The following examples illustrate this further:

Inefficient

```
[edit interfaces interface-name]  
vlan-tagging;  
unit number {  
    vlan-id-range 1-4094;  
}
```

Best Practice

```
[edit interfaces interface-name]  
unit 0;
```

VLAN ID 0 is reserved for tagging the priority of frames.

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

Related Topics ■ Binding a Range of VLAN IDs to a Logical Interface

Published: 2010-04-20