

Defining CoS Code-Point Aliases (J-Web Procedure)

To define CoS Value Aliases, select **Configure > Class of Service > CoS Value Aliases** in the J-Web interface.

Table 1 describes the related fields. By defining aliases you can assign meaningful names to a particular set of bit values and refer to them when configuring CoS components.

Table 1: CoS Value Aliases Configuration Pages Summary

| Field | Function | Your Action |
|--------------------------------|---|--|
| CoS Value Alias Summary | | |
| DSCP | Allows you to define aliases for DiffServ code point (DSCP) IPv4 values. You can refer to these aliases when you configure classes and define classifiers. | Click DSCP . |
| IPv4 Precedence | Allows you to define aliases for IPv4 precedence values. Precedence values are modified in the IPv4 type-of-service (TOS) field and mapped to values that correspond to levels of service. | Click IPv4 Precedence . |
| Alias Name | Displays names given to CoS values—for example, af11 or be . | None. |
| Default Value | Displays the default values mapped to standard aliases. For example, ef (expedited forwarding) is a standard alias for DSCP bits 101110 . You cannot delete default values. The check box next to these values is unavailable. | None. |
| Configured Value | Displays the CoS values that you have assigned to specific aliases. You can delete a configured alias. | None. |
| Add | Opens a page that allows you to define CoS value aliases. | Click Add . |
| Delete | Allows you to delete a configured CoS value alias. You cannot delete a default alias. | Select the check box next to the CoS value alias and click Delete . |
| Add a CoS Value Alias | | |
| CoS Value Alias | Assigns a name to a CoS value. A CoS value can be of different types—DSCP or IP precedence. | To define an alias for a CoS value, type a name—for example, my1 . |

Table 1: CoS Value Aliases Configuration Pages Summary (continued)

| Field | Function | Your Action |
|----------------------|---|---|
| CoS Value Alias Bits | <p>Specifies the CoS value for which an alias is defined.</p> <p>Changing this value alters the behavior of all classifiers that refer to this alias.</p> | <p>To specify a CoS value, type it in an appropriate format:</p> <ul style="list-style-type: none">■ For DSCP CoS values, use the format xxxxxx, where x is 1 or 0—for example, 101110.■ For IP precedence CoS values, use the format xxx, where x is 1 or 0—for example, 111. |

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- Related Topics**
- Defining CoS Code-Point Aliases (CLI Procedure)
 - Monitoring CoS Value Aliases
 - Example: Configuring CoS on EX Series Switches

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