
Configuration Commands

MC-MLPPP Commands

mlppp-profile-ingress

Syntax	[no] mlppp-profile-ingress <i>profile-id</i> [create]
Context	config>qos
Description	This command creates a profile for the user to configure the ingress QoS parameters of a multi-class MLPPP bundle. A maximum of 128 ingress QoS profiles can be created on the system. The no form of this command deletes the profile.
Parameters	<i>profile-id</i> — Specifies a specific multi-class ingress profile. Values 1 — 65535

class

Syntax	class <i>class-id</i>
Context	config>qos>mlppp-profile-ingress config>qos>mlppp-profile-egress
Description	This command provides the MLPPP class context for the user to configure the ingress or egress MLPPP bundle QoS parameters for this profile.
Parameters	<i>class-id</i> — Specifies a class for this policy. Values 0— 3

reassembly-timeout

Syntax	reassembly-timeout <i>timeout-value</i> no reassembly-timeout
Context	config>qos>mlppp-profile-ingress>class
Description	This command configures the value of the MLPPP bundle ingress per class reassembly timer for this profile.
Parameters	<i>timeout-value</i> — Specifies a a reassembly timeout for this policy. Values 1 — 1000 in milliseconds

description

Syntax	description <i>description-string</i> no description
Context	config>qos>mlppp-profile-ingress config>qos>mlppp-profile-egress
Description	This command creates a text description stored in the configuration file for a configuration context. The description command associates a text string with a configuration context to help identify the context in the configuration file. The no form of this command removes any description string from the context.
Default	No description is associated with the configuration context.
Parameters	<i>description-string</i> — A text string describing the entity. Allowed values are any string up to 80 characters long composed of printable, 7-bit ASCII characters excluding double quotes. If the string contains special characters (#, \$, spaces, etc.), the entire string must be enclosed within double quotes.

mlppp-profile-egress

Syntax	[no] mlppp-profile-egress <i>profile-id</i> [create]
Context	config>qos
Description	This command creates a profile for the user to configure the egress QoS parameters of a multiclass MLPPP bundle. A maximum of 128 egress QoS profiles can be created on the system. The no form of this command deletes the profile.
Parameters	<i>profile-id</i> — Specifies an ingress mlppp-profile ID. Values 1 — 65535

max-queue-size

Syntax	max-queue-size <i>queue-size</i> no max-queue-size
Context	config>qos>mlppp-profile-egress>class
Description	This command configures the maximum queue size for each MLPPP class queue for this profile.
Parameters	<i>queue-size</i> — Specifies the maximum queue size. Values 1 — 1000 in milliseconds of buffer space

mir

Syntax	mir <i>mir-value</i> no mir
Context	config>qos>mlppp-profile-egress>class
Description	This command configures the minimum information rate (MIR) scheduling parameter for each MLPPP class queue for this profile.
Parameters	<i>mir-value</i> — Specifies the MIR scheduling parameter. Values 1 — 100

weight

Syntax	weight <i>weight-value</i> no weight
Context	config>qos>mlppp-profile-egress>class
Description	This command configures the WRR weight scheduling parameter for each MLPPP class queue for this profile.
Parameters	<i>weight-value</i> — Specifies the weight scheduling parameter. Values 1 — 100

fc

Syntax	fc <i>fc-name mlppp-class class-id</i> no fc <i>fc-name</i>
Context	config>qos>mlppp-profile-egress>class
Description	This command configures the mapping of the system forwarding class to the MLPPP classes for this profile. There is a many-to-one relationship between the system forwarding class and an MLPPP class.
Parameters	<i>fc-name</i> — Specifies the forwarding class name. Values b3, l2, af, l1, h2, ef, h1, nc <i>class-id</i> — Specifies the class ID. Values 0 — 3

