

## Enabling Multiclass MLPPP

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You can enable multiclass MLPPP on an MLPPP interface and create a specified number of multilink classes on it. A maximum number of eight multilink classes are supported per MLPPP interface.

Before you enable multiclass MLPPP:

- Define the QoS traffic classes

See [Configuring Traffic Classes That Define Service Levels](#).

To enable multiclass MLPPP and create a specified number of multilink classes on a dynamic MLPPP interface:

1. From Global Configuration mode, create an MLPPP dynamic profile by assigning it a name.

```
host1(config)#profile ppp-multilink-profile
```

2. Enable multiclass MLPPP and specify the number of multilink classes to create.

```
host1(config-profile)#ppp multilink multiclass multilink-classes 8
```

To enable multiclass MLPPP and create a specified number of multilink classes on a static MLPPP interface:

1. From Global Configuration mode, specify the individual interface on which you want to configure multiclass MLPPP.

```
host1(config)#interface gigabitEthernet 3/0/0
```

2. Specify PPPoE as the encapsulation method on the interface.

```
host1(config-if)#encapsulation pppoe
```

3. Create a PPPoE subinterface.

```
host1(config)#interface gigabitEthernet 3/0/0.10
```

4. Specify MLPPP as the encapsulation method on the subinterface.

```
host1(config-if)#encapsulation mlppp
```

5. Enable multiclass MLPPP and specify the number of multilink classes to create.

```
host1(config-if)#ppp multilink multiclass multilink-classes 8
```

**Related Topics** ■ [Configuring a Dynamic Interface from a Profile in JUNOS Link Layer Configuration Guide, Chapter 17, Configuring Dynamic Interfaces](#)

- ppp multilink multiclass

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