

Configuring CoS Fragmentation Maps (NSM Procedure)

For AS PIC link services IQ (Isq-) interfaces only, you can configure fragmentation properties on a particular forwarding class. You can set a per-forwarding class fragmentation threshold using fragment-threshold option. This option sets the maximum size of each multilink fragment. You can also set traffic on a particular forwarding class to be interleaved rather than fragmented. An extra fragmentation header is not prepended to the packets received on this queue and that static link load balancing is used to ensure in-order packet delivery. You can also change the resequencing interval for each fragmentation class.

To configure CoS fragmentation maps in NSM:

1. In the NSM navigation tree, select **Device Manager > Devices**.
2. Click the **Device Tree** tab, and then double-click the device for which you want to configure CoS Fragmentation Maps.
3. Click the **Configuration** tab. In the configuration tree, expand **Class of Service**.
4. Select **Fragmentation Maps**.
5. Add or modify settings as specified in Table 1.
6. Click one:
 - OK—Saves the changes.
 - Cancel—Cancels the modifications.

Table 1: Fragmentation Maps Configuration Details

Task	Your Action
Defines fragmentation properties for individual forwarding classes.	<ol style="list-style-type: none">1. Click Add new entry next to Fragmentation Maps.2. In the Name box, enter the name of the fragmentation map.3. Click Forwarding Class next to fragmentation-maps.4. Click Add new entry next to Forwarding Class.5. In the Name box, enter the name of the forwarding class.6. From the Multilink Class, select the multilink class to be assigned to the forwarding class. Range: 0 through 77. From the Drop Timeout list, select the sequencing timeout interval for each forwarding class of a multiclass MLPPP. Range: 0 through 2000

Table 1: Fragmentation Maps Configuration Details (continued)

Task	Your Action
Set the fragmentation threshold for an individual forwarding class for only AS PIC link services IQ interfaces (lsq).	<ol style="list-style-type: none">1. Click Add new entry next to Fragmentation Maps.2. Click Forwarding Class next to fragmentation-maps.3. Click Add new entry next to Forwarding Class.4. Click Fragment Threshold next to forwarding-class.5. Set the fragmentation threshold for an individual forwarding class. Range: 64 through 9192 bytes

- Related Topics**
- Configuring CoS Forwarding Policy (NSM Procedure)
 - Configuring CoS Schedulers (NSM Procedure)
 - Configuring CoS Traffic Control Profiles (NSM Procedure)

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