Advanced Video MPEG Features

Cisco cBR Series Converged Broadband Router supports the following video features.

Information about Advanced Video MPEG Features

Reserved Output PID Range

The reserved output PID range allows the user to specify a range of PIDs that will not be used as output for remapped sessions. A range of up to 4000 PIDs from 1-8190 can be reserved.

One continuous reserved PID range is supported for each chassis. Note that the protection is only good for future output remapped PIDs, so the reserved PID range is expected to be configured before any remapped sessions are created. Remapped PIDs within the reserved range that already exists will not be reallocated.

How to Configure Advanced Video MPEG Features

Configuring Reserved Output PID Range

To configure reserved output range, follow the steps below:

```
enable
configure terminal
cable video
reserve-pid-range start-pid-end-pid
```

Verifying Reserved Output PID Range Configuration

To verify the reserved output PID range configuration, use the **show cable video logical-edge-device id** *id* **reserve-pid-range** command as shown in the example below.

```
Router# show cable video logical-edge-device id 1 reserve-pid-range
Logical Edge Device: led1
Id: 1
Reserve PID Range: 1-4000
```

Configuration Examples for Advanced Video MPEG Features

This section provides configuration examples for the advanced video MPEG features:

Example: Configuring Reserved Output PID Range

The following example shows how to configure reserved output PID range.

```
enable
configure terminal
cable video
reserve-pid-range 4000-4100
```

Feature Information for Advanced Video MPEG Features

Table 1: Feature Information for Advanced Video MPEG Features

Feature Name	Releases	Feature Information
Advanced Video MPEG Features	Cisco IOS XE Everest 16.6.1	This feature was integrated on the Cisco cBR Series Converged Broadband Routers.