

Helper-map for Broadcast to Multicast Conversion and Vice Versa

The following is an example which illustrates the use of the helper-map command at the first-hop and the last-hop, to convert a broadcast stream directed to port 2000 to a multicast stream and back.

On the First Hop Router

The following example converts broadcast streams to port 2000 to a multicast stream (G = 224.5.5.5)

```
int < ... > /* incoming interface of broadcast stream */
ip multicast helper-map broadcast 224.5.5.5 101
ip pim dense
access-list 101 permit any any proto udp 2000
access-list 101 deny any any proto udp
ip forward protocol udp 2000
```

On the Last Hop Router

```
int <...> /* incoming interface of multicast stream */
ip multicast helper-map 224.5.5.5 178.21.34.255 101
ip pim dense
access-list 101 permit any any proto udp 2000
access-list 101 deny any any proto udp
ip forward protocol udp 2000
```



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