

## upstream-interface

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**Syntax** upstream-interface [ *interface-names* ];

**Hierarchy Level** [edit logical-systems *logical-system-name* routing-instances *routing-instance-name* routing-options multicast pim-to-igmp-proxy],  
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* routing-options multicast pim-to-mld-proxy],  
[edit logical-systems *logical-system-name* routing-options multicast pim-to-igmp-proxy],  
[edit logical-systems *logical-system-name* routing-options multicast pim-to-mld-proxy],  
[edit routing-instances *routing-instance-name* routing-options multicast pim-to-igmp-proxy],  
[edit routing-instances *routing-instance-name* routing-options multicast pim-to-mld-proxy],  
[edit routing-options multicast pim-to-igmp-proxy],  
[edit routing-options multicast pim-to-mld-proxy]

**Release Information** Statement introduced in JUNOS Release 9.6.  
Statement introduced in JUNOS Release 9.6 for EX Series switches.

**Description** Configure at least one, but not more than two, upstream interfaces on the rendezvous point (RP) routing device that resides between a customer edge-facing Protocol Independent Multicast (PIM) domain and a core-facing PIM domain. The RP routing device translates PIM join or prune messages into corresponding IGMP report or leave messages (if you include the **pim-to-igmp-proxy** statement), or into corresponding MLD report or leave messages (if you include the **pim-to-mld-proxy** statement). The routing device then proxies the IGMP or MLD report or leave messages to one or both upstream interfaces to forward IPv4 multicast traffic (for IGMP) or IPv6 multicast traffic (for MLD) across the PIM domains.

**Options** *interface-names*—Names of one or two upstream interfaces to which the RP routing device proxies IGMP or MLD report or leave messages for transmission of multicast traffic across PIM domains. You can specify a maximum of two upstream interfaces on the RP routing device. To configure a set of two upstream interfaces, specify the full interface names, including all physical and logical address components, within square brackets ( [ ] ). For details about specifying interfaces, see the *JUNOS Network Interfaces Configuration Guide*.

**Required Privilege Level** routing—To view this statement in the configuration.  
routing-control—To add this statement to the configuration.

- Related Topics**
- Configuring PIM-to-IGMP Message Translation
  - Configuring PIM-to-MLD Message Translation