

## immediate-leave

---

**Syntax**    immediate-leave;

**Hierarchy Level**    [edit dynamic-profiles *profile-name* protocols igmp interface *interface-name*],  
[edit logical-systems *logical-system-name* protocols igmp interface *interface-name*],  
[edit protocols igmp interface *interface-name*]

**Release Information**    Statement introduced in JUNOS Release 8.3.  
The [edit dynamic-profiles *profile-name* protocols igmp interface *interface-name*] hierarchy added in JUNOS Release 9.2.

**Description**    Immediately remove the group membership from the interface and suppresses the sending of any group-specific queries for the multicast group when this statement is enabled on a router running IGMP version 2 (IGMPv2), after the router receives a leave group membership message from a host associated with the interface.

Suppress the sending of group-and-source queries but rely on the JUNOS-supported host tracking mechanism to determine whether or not it should remove a particular source group membership from the interface when this statement is enabled on a router running IGMP version 3 (IGMPv3), after the router receives a report with the type BLOCK\_OLD\_SOURCES.



**NOTE:** When issuing this command on IGMPv2 interfaces, ensure that the IGMP interface has only one IGMP host connected. If more than one IGMPv2 host is connected to a LAN through the same interface, and one host sends a done message, the router removes all hosts on the interface from the multicast group. The router loses contact with the hosts that are supposed to remain in the multicast group until they send join requests in response to the next general multicast listener query from the router.

---

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

**Related Topics**    ■    Configuring a Dynamic Profile for Client Access  
■    For information about configuring IGMP immediate leave, see “Specifying Immediate-Leave Host Removal” in the *JUNOS Multicast Protocols Configuration Guide*

---

Published: 2009-07-16