

set protocols igmp-snooping last-member-query-count

The **set protocols igmp-snooping last-member-query-count** command configures the number of times that the querier sends a group-specific query message.

Command Syntax

set protocols igmp-snooping last-member-query-count *<last-member-query-count>*

Parameter

Parameter	Description
last-member-query-count <i><last-member-query-count></i>	Specifies the number of times that the querier sends a group-specific query message. The value is an integer ranges from 1 to 7. The default value is 2.

Usage Guidelines

When the switch receives an IGMP leave message from a host, it sends the group-specific query messages to query whether the particular multicast group still has members and starts the aging timer for the member port. The aging time is calculated using the following formula: Aging time = last-member-query-count × last-member-query-interval + max-response-time. The **set protocols igmp-snooping last-member-query-count** command is used to configure the last-member-query-count in the above formula. The last-member-query-interval can be configured using the **set protocols igmp-snooping last-member-query-interval** command. The max-response-time can be configured using the **set protocols igmp-snooping max-response-time** command.

If the switch receives a report message from other hosts within the aging time, it continues to maintain memberships of the particular multicast group. However, if the switch receives no report message within the aging time, it will stop maintaining memberships of the particular multicast group and delete the particular multicast group entry in the Layer 2 forwarding table.

Example

- Configure the number of times that the querier sends a group-specific query message.

```
admin@Xorplus# set protocols igmp-snooping last-member-query-count 2
admin@Xorplus# commit
```