set protocols igmp-snooping robustness-variable

The **set protocols igmp-snooping robustness-variable** command configures the IGMP robustness coefficient.

Command Syntax

set protocols igmp-snooping robustness-variable <*robustness-variable*>

Parameter

Parameter	Description
robustness-variable <*robustness-variable*>	Specifies the IGMP robustness coefficient. The value is an integer that ranges from 2 to 4. The default value is 2.

Usage Guidelines

The robustness coefficient can be used to adjust aging time of member ports. When the switch receives the report message from the downstream host, it starts the aging timer for the member port. The aging time is calculated using the following formula: Aging time = General query count × General query interval + Maximum response time. The **set protocols igmp-snooping robustness-variable** command is used to configure the General query count in the above formula. The General query interval can be configured using the **set protocols igmp-snooping query-interval** command. The Maximum response time can be configured using the **set protocols igmp-snooping max-response-time** command.

When the aging time of the member port expires, this member port will be deleted from the Layer 2 forwarding table.

When the switch receives an IGMP report message on the dynamic member port, the aging time of the member port will be reset.

> **NOTE:**
>
> The aging time takes effect only on dynamic member ports whereas static member ports do not age.

Example

- Configure the IGMP robustness coefficient.

```
admin@Xorplus# set protocols igmp-snooping robustness-variable 2
admin@XorPlus# commit
```