

Comware V7 IGMP Snooping NETCONF XML API Configuration Reference

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IGMPSnooping

IGMPSnooping/Configuration

This table contains global IGMP snooping information.

XML structure

```
<IGMPSnooping>
  <Configuration>
    <Enabled></Enabled>
  </Configuration>
</IGMPSnooping>
```

Table description

Item	Description
Feature name	IGMPSnooping
Table name	Configuration
Table type	Single-instance table
Row name	None
Restrictions	None
Support for row creation and deletion	Yes

Columns

Column name	Column description	Column type	Data type and restrictions
Enabled	Set IGMP snooping state globally.	N/A	Enumeration: • disable(default) • enable

IGMPSnooping/VLANs

This table contains the IGMP snooping information for vlans.

XML structure

```
<IGMPSnooping>
  <VLANs>
    <VLAN>
      <VLANID></VLANID>
      <Enabled></Enabled>
      <Version></Version>
      <DropUnknown></DropUnknown>
      <Querier></Querier>
      <QueryInterval></QueryInterval>
      <GeneralQuerySourceAddr></GeneralQuerySourceAddr>
      <SpecialQuerySourceAddr></SpecialQuerySourceAddr>
    </VLAN>
  </VLANs>
</IGMPSnooping>
```

Table description

Item	Description
Feature name	IGMPSnooping
Table name	VLANs
Table type	Multi-instance table
Row name	VLAN
Restrictions	None
Support for row creation and deletion	No

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
VLANID	VLAN ID	Index	Unsigned integer. Value range: 1 to 4094.	N/A
Enabled	Set IGMP snooping state for specified VLAN.	N/A	Enumeration: • disable(default) • enable	N/A
Version	Specify the IGMP snooping version for specified VLAN.	N/A	Enumeration: • 2(default) • 3	N/A
DropUnknown	Set IGMP snooping dropping unknown for	N/A	Enumeration: • disable(default) • enable	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
	specified VLAN.			
Querier	Set IGMP snooping querier for specified VLAN.	N/A	Enumeration: • disable(default) • enable	N/A
QueryInterval	Specify IGMP snooping general query interval for specified VLAN.	N/A	Unsigned integer. Value range: 2 to 300.	N/A
GeneralQuery SourceAddr	Specify the source IP address of IGMP general queries for specified VLAN.	N/A	Ipv4Address.	Example: 1.1.1.1.
SpecialQuery SourceAddr	Specify the source IP address for IGMP group-specific queries for specified VLAN.	N/A	Ipv4Address.	Example: 1.1.1.1.

IGMPSnooping/FastLeavePorts

This table contains the IGMP snooping fast leave information on ports.

XML structure

```

<IGMPSnooping>
  <FastLeavePorts>
    <Interface>
      <IfIndex></IfIndex>
      <FastLeaveVlanList></FastLeaveVlanList>
    </Interface>
  </FastLeavePorts>
</IGMPSnooping>

```

Table description

Item	Description
Feature name	IGMPSnooping
Table name	FastLeavePorts
Table type	Multi-instance table
Row name	Interface

Restrictions	None
Support for row creation and deletion	No

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
IfIndex	Interface index	Index	IfIndex.	N/A
FastLeaveVlanList	Set IGMP snooping fast leave vlan-list on a port.	N/A	VlanRange.	Example: 1,2,3,5-8,10-20.

IGMPSnooping/GroupLimitPorts

This table contains the IGMP snooping group limit information on ports.

XML structure

```

<IGMPSnooping>
  <GroupLimitPorts>
    <Interface>
      <IfIndex></IfIndex>
      <Limit></Limit>
      <GroupLimitVlanList ></GroupLimitVlanList>
    </Interface>
  </GroupLimitPorts>
</IGMPSnooping>

```

Table description

Item	Description
Feature name	IGMPSnooping
Table name	GroupLimitPorts
Table type	Multi-instance table
Row name	Interface
Restrictions	None
Support for row creation and deletion	No

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
IfIndex	Interface index	Index	IfIndex.	N/A
Limit	Sets the maximum number of multicast groups that a port can join.	Index	Unsigned integer. Value range: 0 to 4294967295.	N/A
GroupLimitVlanList	Set IGMP snooping group limit vlan-list on a port.	N/A	VlanRange.	Example: 1,2,3,5-8,10-20.