

Comware V7 MLD Snooping NETCONF XML API Data Reference

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MLDSnooping

MLDSnooping/Configuration

This table contains global Mld snooping information.

XML structure

```
<MLDSnooping>
  <Configuration>
    <Enabled></Enabled>
  </Configuration>
</MLDSnooping>
```

Table description

Item	Description
Feature name	MLDSnooping
Table name	Configuration
Table type	Single-instance table
Row name	None
Restrictions	None

Columns

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

MLDSnooping/VLANs

This table contains the MLD snooping information for vlans.

XML structure

```
<MLDSnooping>
  <VLANs>
```

```

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

```

Table description

Item	Description
Feature name	MLDSnooping
Table name	VLANs
Table type	Multi-instance table
Row name	VLAN
Restrictions	None

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 MLD snooping state for specified VLAN.	N/A	Enumeration: - enable - disable	N/A
Version	Specify the MLD snooping version for specified VLAN.	N/A	Enumeration: 1 2	N/A
DropUnknown	Set MLD snooping dropping unknown for specified VLAN.	N/A	Enumeration: - enable - disable	N/A
Querier	Set MLD snooping querier for specified VLAN.	N/A	Enumeration: - enable - disable	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
QueryInterval	Specify MLD 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 MLD general queries for specified VLAN.	N/A	Ipv6Address.	Example: 1:1::1:1.
SpecialQuery SourceAddr	Specify the source IP address for MLD group-specific queries for specified VLAN.	N/A	Ipv6Address.	Example: 1:1::1:1.

MLDSnooping/FastLeavePorts

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

XML structure

```
<MLDSnooping>
  <FastLeavePorts>
    <Interface>
      <IfIndex></IfIndex>
      <FastLeaveVlanList></FastLeaveVlanList>
    </Interface>
  </FastLeavePorts>
</MLDSnooping>
```

Table description

Item	Description
Feature name	MLDSnooping
Table name	FastLeavePorts
Table type	Multi-instance table
Row name	Interface
Restrictions	None

Columns

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

MLDSnooping/GroupLimitPorts

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

XML structure

```
<MLDSnooping>
  <GroupLimitPorts>
    <Interface>
      <IfIndex></IfIndex>
      <Limit></Limit>
      <GroupLimitVlanList></GroupLimitVlanList>
    </Interface>
  </GroupLimitPorts>
</MLDSnooping>
```

Table description

Item	Description
Feature name	MLDSnooping
Table name	GroupLimitPorts
Table type	Multi-instance table
Row name	Interface
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
IfIndex	Interface index	Index	IfIndex.	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
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 MLD snooping group limit vlan-list on a port.	N/A	VlanRange.	Example: 1,2,3,5-8,10-20.

MLDSnooping/IPv6Layer2MulticastGroups

This table contains information about Layer 2 IPv6 multicast groups.

XML structure

```

<MLDSnooping>
  <IPv6Layer2MulticastGroups>
    <VLAN>
      <VLANID></VLANID>
      <GroupAddr></GroupAddr>
      <SourceAddr></SourceAddr>
      <IfIndex></IfIndex>
    </VLAN>
  </IPv6Layer2MulticastGroups>
</MLDSnooping>

```

Table description

Item	Description
Feature name	MLDSnooping
Table name	IPv6Layer2MulticastGroups
Table type	Multi-instance table
Row name	VLAN
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
VLANID	VLAN ID	Index	Unsigned integer. Value range: 1 to 4094.

Column name	Column description	Column type	Data type and restrictions
GroupIpAddr	Multicast group.	Index	Ipv6Address.
SourceIpAddr	Multicast source.	Index	Ipv6Address.
IfIndex	IfIndex.	Index	IfIndex.