

Comware V7 IGMP NETCONF XML API Data Reference

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IGMP

IGMP/Interfaces

This table contains IGMP interface information.

XML structure

```
<IGMP>
  <Interfaces>
    <Interface>
      <IfIndex></IfIndex>
      <Enabled></Enabled>
      <Version></Version>
    </Interface>
  </Interfaces>
</IGMP>
```

Table description

Item	Description
Feature name	IGMP
Table name	Interfaces
Table type	Multi-instance table
Row name	Interface
Restrictions	This table supports only Layer 3 interfaces.

Columns

Column name	Column description	Column type	Data type and restrictions
IfIndex	Interface index	Index	Unsigned integer.

Column name	Column description	Column type	Data type and restrictions
Enabled	IGMP enable status	N/A	Boolean: • true—Enabled. • false—Disabled.
Version	IGMP version	N/A	Enumeration: • 1—IGMP version 1. • 2—IGMP version 2. • 3—IGMP version 3.

IGMP/Groups

This table contains IGMP group information.

XML structure

```

<IGMP>
  <Groups>
    <Group>
      <IfIndex></IfIndex>
      <GroupAddr></GroupAddr>
      <Uptime></Uptime>
      <Expires></Expires>
    </Group>
  </Groups>
</IGMP>

```

Table description

Item	Description
Feature name	IGMP
Table name	Groups
Table type	Multi-instance table
Row name	Group
Restrictions	This table supports only Layer 3 interfaces.

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
IfIndex	Interface index	Index	Unsigned integer.	N/A
GroupAddr	IPv4 address.	Index	String, dotted decimal notation.	Example: 224.1.1.1.

Column name	Column description	Column type	Data type and restrictions	Remarks
Uptime	Length of time since the multicast group was reported.	N/A	Unsigned integer (in seconds).	N/A
Expires	Remaining time of the multicast group.	N/A	Unsigned integer (in seconds).	N/A

IGMP/SrcList

This table contains source information of IGMP groups.

XML structure

```

<IGMP>
  <SrcList>
    <Src>
      <IfIndex></IfIndex>
      <GroupAddr></GroupAddr>
      <SourceAddr></SourceAddr>
      <Uptime></Uptime>
      <Expires></Expires>
    </Src>
  </SrcList>
</IGMP>

```

Table description

Item	Description
Feature name	IGMP
Table name	SrcList
Table type	Multi-instance table
Row name	Src
Restrictions	This table supports only Layer 3 interfaces.

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
IfIndex	Interface index	Index	Unsigned integer.	N/A
GroupAddr	IPv4 address.	Index	String, dotted decimal notation.	Example: 224.1.1.1.

Column name	Column description	Column type	Data type and restrictions	Remarks
SourceAddr	IPv4 address.	Index	String, dotted decimal notation.	Example: 1.1.1.1.
Uptime	Length of time since the multicast source was reported.	N/A	Unsigned integer (in seconds).	N/A
Expires	Remaining time of the multicast source.	N/A	Unsigned integer (in seconds).	N/A

IGMP/HostInterfaces

This table contains IGMP host interface information.

XML structure

```
<IGMP>
  <HostInterfaces>
    <Interface>
      <IfIndex></IfIndex>
      <Enabled></Enabled>
    </Interface>
  </HostInterfaces>
</IGMP>
```

Table description

Item	Description
Feature name	IGMP
Table name	HostInterfaces
Table type	Multi-instance table
Row name	Interface
Restrictions	This table supports only Layer 3 interfaces.

Columns

Column name	Column description	Column type	Data type and restrictions
IfIndex	Interface index	Index	Unsigned integer.

Column name	Column description	Column type	Data type and restrictions
Enabled	IGMP enable status	N/A	Boolean: • true—Enabled. • false—Disabled.