

Comware V7 RIP NETCONF XML API Data Reference

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RIP

RIP/Instances

This table contains RIP instances information.

XML structure

```
<RIP>
  <Instances>
    <Instance>
      <Name></Name>
      <VRF></VRF>
    </Instance>
  </Instances>
</RIP>
```

Table description

Item	Description
Feature name	RIP
Table name	Instances
Table type	Multi-instance table
Row name	Instance
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	Instance name.	Index	String. Length: 1 to 31 characters.	N/A
VRF	Vrf name.	N/A	String. Length: 1 to 31 characters.	N/A

RIP/Networks

This table contains RIP network lists information.

XML structure

```
<RIP>
  <Networks>
    <Network>
      <Name></Name>
      <NetworkAddr></NetworkAddr>
      <WildcardMask></WildcardMask>
    </Network>
  </Networks>
</RIP>
```

Table description

Item	Description
Feature name	RIP
Table name	Networks
Table type	Multi-instance table
Row name	Network
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	Instance name.	Index	String. Length: 1 to 31 characters.	N/A
NetworkAddr	Network IPv4 address.	Index	String, dotted decimal notation.	N/A
WildcardMask	Wildcard mask.	N/A	String, dotted decimal notation.	N/A

RIP/Redistributes

This table contains RIP redistribute lists information.

XML structure

```
<RIP>
  <Redistributes>
    <Redist>
      <Name></Name>
```

```

        <Protocol></Protocol>
        <RedistName></RedistName>
    </Redist>
</Redistributes>
</RIP>

```

Table description

Item	Description
Feature name	RIP
Table name	Redistributes
Table type	Multi-instance table
Row name	Redist
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	Instance name.	Index	String. Length: 1 to 31 characters.	N/A
Protocol	Redistribute protocol.	Index	Enumeration: • 1—Direct • 2—Static • 3—RIP • 4—OSPF • 5—ISIS • 6—BGP	N/A
RedistName	Redistribute protocol instance name.	Index	String. Length: 1 to 31 characters.	N/A

RIP/Interfaces

This table contains RIP Interfaces information.

XML structure

```

<RIP>
  <Interfaces>
    <If>
      <IfIndex></IfIndex>

```

```

    <Version></Version>
    <IfEnable>
        <Name></Name>
        <ExcludedSubIp></ExcludedSubIp>
    </IfEnable>
    <Input></Input>
    <Output></Output>
    <Authentication>
        <AuthType></AuthType>
        <PasswordType></PasswordType>
        <Password></Password>
        <KeyId></KeyId>
    </Authentication>
</If>
</Interfaces>
</RIP>

```

Table description

Item	Description
Feature name	RIP
Table name	Interfaces
Table type	Multi-instance table
Row name	If
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
Version	Interface version.	N/A	Enumeration: 1—RIPv1 2—RIPv2 3—RIPv2 Broadcast	N/A
IfEnable	Interface enable messages.	N/A	Members include: - Name. - ExcludedSubIp.	N/A
Name	Instance name.	N/A	String. Length: 1 to 31 characters.	N/A
ExcludedSubIp	Whether to exclude secondary IP	N/A	Boolean: true—Exclude secondary IP addresses.	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
	addresses.		• false—Does not exclude secondary IP addresses(default).	
Input	Whether to receive RIPpackets.	N/A	Boolean: • true—Receive RIP packets (default). • false—Does not receive RIP packets.	N/A
Output	Whether to send RIPpackets.	N/A	Boolean: • true—Send RIP packets (default). • false—Does not send RIP packets.	N/A
Authentication	Authentication messages.	N/A	Members include: • AuthType. • PasswordType. • Password. • KeyId.	N/A
AuthType	Authentication type.	N/A	Enumeration: • 1—Simple. • 2—Md5Rfc2082. • 3—Md5Rfc2453.	N/A
PasswordType	Password type.	N/A	Enumeration: • 1—Ciphertext. • 2—Plaintext.	N/A
Password	Password.	N/A	String. Length: • 1 to 16 characters for plain password. • 33 to 53 characters for cipher password.	N/A
KeyId	Key ID.	N/A	Unsigned integer. Value range: 1 to 255.	N/A