

Comware V7 ACL NETCONF XML API Action Reference

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ACL

ACL/Groups

This table contains ACL information.

XML structure

```
<ACL>
  <Groups>
    <Group>
      <GroupType></GroupType>
      <GroupID></GroupID>
      <CountClear></CountClear>
    </Group>
  </Groups>
</ACL>
```

Table description

Item	Description
Feature name	ACL
Table name	Groups
Table type	Multi-instance table
Row name	Group
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
GroupType	ACL type.	Index	Enumeration: 1—IPv4. 2—IPv6.	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
GroupID	ACL number.	Index	Unsigned integer. Value range: 2000 to 5999.	The value range depends on the GroupType column. • 2000 to 5999 if GroupType is 1. • 2000 to 3999 if GroupType is 2.
CountClear	Resets counters.	N/A	This column must be empty.	N/A

ACL/PfilterApply

This table contains packet filter application information.

XML structure

```

<ACL>
  <PfilterApply>
    <Pfilter>
      <AppObjType></AppObjType>
      <AppObjIndex></AppObjIndex>
      <AppDirection></AppDirection>
      <AppAcIType></AppAcIType>
      <AppAcIGroup></AppAcIGroup>
      <CountClear></CountClear>
    </Pfilter>
  </PfilterApply>
</ACL>

```

Table description

Item	Description
Feature name	ACL
Table name	PfilterApply
Table type	Multi-instance table
Row name	Pfilter
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
AppObjType	Type of the application object.	Index	Enumeration: 1—Interface. 2—VLAN. 3—Global.	N/A
AppObjIndex	Index of the application object.	Index	Unsigned integer. Value range: 0 to 4294967295.	The value depends on the AppObjType column. - Interface index if AppObjType is 1. - VLAN ID in the range of 1 to 4094 if AppObjType is 2. - The value is 0 if AppObjType is 3.
AppDirection	Application direction.	Index	Enumeration: 1—Inbound. 2—Outbound.	N/A
AppAclType	ACL type.	Index	Enumeration: 1—IPv4. 2—IPv6. 3—Ethernet frame header ACL. 4—ACL with the default action.	- Type 4 is a special ACL. - Type 3 is not supported in the current software version, and is reserved for future support.
AppAclGroup	ACL name or number.	Index	ACL name: Case-insensitive string of 1 to 63 characters. ACL number: 0 or an unsigned integer in the range of 2000 to 5999.	An ACL name must start with an English letter and cannot be all. The value range depends on the AppAclType column. 2000 to 5999 if AppAclType is 1. 2000 to 3999 if AppAclType is 2. 0 if AppAclType is 4.
CountClear	Resets counters.	N/A	This column must be empty.	N/A

ACL/ZonePairPfilterApply

This table contains packet filter application information for zone-pair.

XML structure

```
<ACL>
  <ZonePairPfilterApply>
    <Pfilter>
      <SrcZone></SrcZone>
      <DestZone></DestZone>
      <AcIType></AcIType>
      <AcIGroup></AcIGroup>
      <Clear></Clear>
    </Pfilter>
  </ZonePairPfilterApply>
</ACL>
```

Table description

Item	Description
Feature name	ACL
Table name	ZonePairPfilterApply
Table type	Multi-instance table
Row name	Pfilter
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
SrcZone	Name of the source zone.	Index	String, case insensitive. Length: 1 to 31 characters.	Cannot contain midline(-).
DestZone	Name of the destination zone.	Index	String, case insensitive. Length: 1 to 31 characters.	Cannot contain midline(-).
AcIType	ACL type.	Index	Enumeration: 1—IPv4 ACL. 2—IPv6 ACL. 3—Ethernet frame header ACL.	Type 3 is not supported in the current software version, and is reserved for future support.
AcIGroup	ACL name or number.	Index	ACL name: Case-insensitive string of 1 to 63 characters. ACL number: An unsigned integer in the range of 2000 to	An ACL name must start with an English letter and cannot be all. The value range depends on the AppAcIType column. 2000 to 5999 if

Column name	Column description	Column type	Data type and restrictions	Remarks
			5999.	AppAcIType is 1 . • 2000 to 3999 if AppAcIType is 2.
Clear	Resets counters.	N/A	This column must be empty.	N/A