

Comware V7 SSL NETCONF XML API Data Reference

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SSL

SSL/ClientPolicies

This table is used to get SSL client policies.

XML structure

```
<SSL>
  <ClientPolicies>
    <Policy>
      <Name></Name>
      <SSLVersion></SSLVersion>
      <PKIDomain></PKIDomain>
      <PerferCipherList>
        <CipherItem></CipherItem>
      </PerferCipherList>
      <ServerVerify></ServerVerify>
    </Policy>
  </ClientPolicies>
</SSL>
```

Table description

Item	Description
Feature name	SSL
Table name	ClientPolicies
Table type	Multi-instance table
Row name	Policy
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	The name of the SSL client policy	Index	String. Length: 1 to 31 characters. Case insensitive	N/A
SSLVersion	The protocol version of ssl client	N/A	Enumeration: • 1—TSL 1.0 • 2—SSL 3.0	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
Default value is TLS 1.0				
PKIDomain	Specify a PKI domain for the SSL client policy	N/A	String. Length: 1 to 31 characters. Case insensitive	N/A
PerferCipherList	Preferential cipher list	Data structure	Members include: CipherItem.	N/A
CipherItem	The cipher suite number for SSL client	N/A	Unsigned integer. Value range: 1 to 11 The cipher suite number is defined by SSLCapabilities table.	Contains up to 1 CipherItem in PerferCipher.
ServerVerify	If verify SSL server	N/A	Boolean: true—Verify SSL server. false—Don't verify SSL server Default value is true	N/A

SSL/ServerPolicies

This table is used to get SSL server policies.

XML structure

```

<SSL>
  <ServerPolicies>
    <Policy>
      <Name></Name>
      <SessionCacheSize></SessionCacheSize>
      <PKIDomain></PKIDomain>
      <CipherSuiteList>
        <CipherItem></CipherItem>
      </CipherSuiteList>
      <ClientVerify></ClientVerify>
    </Policy>
  </ServerPolicies>
</SSL>

```

Table description

Item	Description
Feature name	SSL
Table name	ServerPolicies
Table type	Multi-instance table

Row name	Policy
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	The name of the SSL server policy	Index	String. Length: 1 to 31 characters. Case insensitive	N/A
SessionCacheSize	The size of session cache	N/A	Unsigned integer. Value range: 100 to 1000 Default value is 500	N/A
PKIDomain	Specify a PKI domain for the SSL server policy	N/A	String. Length: 1 to 31 characters. Case insensitive	N/A
CipherSuitelist	The list of cipher suite	Data structure	Members include: CipherItem.	N/A
CipherItem	The cipher suite number for SSL server	N/A	Unsigned integer. Value range: 1 to 11 The cipher suite number is defined by SSLCapabilities table.	Contains up to 11 CipherItems in CipherSuiteList. Default value is all cipher suite
ClientVerify	If verify SSL client	N/A	Boolean: true—Verify SSL client. false—Don't verify SSL client Default value is false	N/A

SSL/SSLCapabilities

This table displays all the algorithm capabilities that the SSL module support.

XML structure

```

<SSL>
  <SSLCapabilities>
    <SSLCapability>
      <ID></ID>
      <Name></Name>
      <Strength></Strength>
      <IsDefaultCipherSuite></IsDefaultCipherSuite>
    </SSLCapability>
  </SSLCapabilities>
</SSL>

```

Table description

Item	Description
Feature name	SSL
Table name	SSLCapabilities
Table type	Multi-instance table
Row name	SSLCapability
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
ID	SSL supports algorithm ID	Index	Unsigned integer.	N/A
Name	SSL supports algorithm name	N/A	String. Length: 1 to 255 characters Case insensitive.	N/A
Strength	The strength of the algorithm	N/A	Unsigned integer	Bigger Value, More strong.
IsDefaultCipherSuite	If the algorithm is default cipher suite.	N/A	Boolean: • true—The algorithm is the default • false—The algorithm isn't the default	