

Comware V7 SSH NETCONF XML API Data Reference

Contents

- SSH 1
 - SSH/Capabilities 1
 - XML structure 1
 - Table description 1
 - Columns 1
 - SSH/Server 2
 - XML structure 2
 - Table description 2
 - Columns 2

SSH

SSH/Capabilities

This table contains the capabilities information of the SSH.

XML structure

```
<SSH>
  <Capabilities>
    <CompatibleSSH1XStateSupport></CompatibleSSH1XStateSupport>
    <RekeyIntervalSupport></RekeyIntervalSupport>
  </Capabilities>
</SSH>
```

Table description

Item	Description
Feature name	SSH
Table name	Capabilities
Table type	Single-instance table
Row name	None
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
CompatibleSSH1XStateSupport	Whether The SSH Server compatible ssh1x is supported.	N/A	Boolean: • true • false
RekeyIntervalSupport	Whether the SSH server key rekey-interval is supported.	N/A	Boolean: • true • false

SSH/Server

This table contains global SSH Server information.

XML structure

```
<SSH>
  <Server>
    <STelnetState></STelnetState>
    <SFTPState></SFTPState>
    <SCPState></SCPState>
    <DSCP></DSCP>
    <DSCP6></DSCP6>
    <Ipv4ACLNum></Ipv4ACLNum>
    <Ipv6ACLNum></Ipv6ACLNum>
    <SFTPIidleTimeout></SFTPIidleTimeout>
    <RekeyInterval></RekeyInterval>
    <AuthRetries></AuthRetries>
    <AuthTimeout></AuthTimeout>
    <CompatibleSSH1XState></CompatibleSSH1XState>
  </Server>
</SSH>
```

Table description

Item	Description
Feature name	SSH
Table name	Server
Table type	Single-instance table
Row name	None
Restrictions	This table supports only global SSH Server configurations.

Columns

Column name	Column description	Column type	Data type and restrictions
STelnetState	Global STelnet Server feature	N/A	Boolean: • true—Enables STelnet Server. • false—Disables STelnet Server(default).

Column name	Column description	Column type	Data type and restrictions
SFTPState	Global SFTP Server feature	N/A	Boolean: true—Enables SFTP Server. false—Disables SFTP Server(default).
SCPState	Global SCP Server feature	N/A	Boolean: true—Enables SCP Server. false—Disables SCP Server(default).
DSCP	Set the IPv4 Differentiated Services Codepoint (DSCP) value	N/A	Unsigned integer. Value range: 0 to 63. Default value:48
DSCP6	Set the IPv6 Differentiated Services Codepoint (DSCP) value	N/A	Unsigned integer. Value range: 0 to 63. Default value:48.
Ipv4ACLNum	Specify an IPv4 ACL used to control the SSH clients' access	N/A	Unsigned integer. Value range: 2000 to 4999.
Ipv6ACLNum	Specify an IPv6 ACL used to control the SSH clients' access	N/A	Unsigned integer. Value range: 2000 to 4999.
SFTPIidleTimeout	Specify SFTP timeout value(minute)	N/A	Unsigned integer. Value range: 1 to 35791. Default value: 10. Unit: minute.
RekeyInterval	Specify the SSH server key rekey-interval(hour)	N/A	Unsigned integer. Value range: 1 to 24. Uint: hour.
AuthRetries	Specify authentication retry times	N/A	Unsigned integer. Value range: 1 to 5. Default value: 3.
AuthTimeout	Specify authentication timeout(second)	N/A	Unsigned integer. Value range: 1 to 120. Default value: 60 Unit: second.
CompatibleSSH1XState	The SSH Server compatible ssh1x	N/A	Boolean: true—Enables SSH Server compatible ssh1x (default). false—Disables SSH Server compatible ssh1x.