

Comware V7 SSH NETCONF XML API Configuration Reference

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SSH

SSH/Server

This table contains information about global SSH Server functions.

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 functions.
Support for row creation and deletion	No

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).
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.
RekeyInterval	Specify the SSH server key rekey-interval(hour)	N/A	Unsigned integer. Value range: 1 to 24.
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

Column name	Column description	Column type	Data type and restrictions
CompatibleSSH1XState	The SSH Server compatible ssh1x	N/A	Boolean: • true—Enables SSH Server compatible ssh1x (default). • false—Disables SSH Server compatible ssh1x.