

View SSH Algorithms

OPERATING INSTRUCTIONS

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[View SSH Algorithms](#)



1 Description

This instruction describes how to view supported Secure Shell (SSH) algorithms.

The value of attribute `selectedCiphers` consists of a string list of ciphers. The string list must include at least one string. Each algorithm in the list must be in the `supportedCiphers` list.

The value of attribute `selectedKeyExchanges` consists of a string list of key exchanges. The string list must include at least one string. Each algorithm in the list must be in the `supportedKeyExchanges` list.

The value of attribute `selectedMacs` consists of a string list of message authentication code. The string list must include at least one string. Each algorithm in the list must be in the `supportedMacs` list.

2 Procedure

2.1 View SSH Algorithms

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - The user has the System Security Administrator role.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to `Ssh` Managed Object (MO), for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,SecM=1,Ssh=1
```

2. Verify the SSH algorithm format:



```
(Ssh=1) > show -v
```

The following is an example output:

```
[...]  
supportedCiphers <read-only>  
  "aes256-ctr"  
  "aes192-ctr"  
  "aes128-ctr"  
  "aes256-cbc"  
  "aes192-cbc"  
  "aes128-cbc"  
  "cast128-cbc"  
  "rijndael-cbc@lysator.liu.se"  
  "blowfish-cbc"  
  "3des-cbc"  
  "arcfour"  
  "arcfour128"  
supportedKeyExchanges <read-only>  
  "diffie-hellman-group-exchange-sha1"  
  "diffie-hellman-group14-sha1"  
  "diffie-hellman-group1-sha1"  
supportedMacs <read-only>  
  "hmac-ripemd160@openssh.com"  
  "hmac-ripemd160"  
  "hmac-sha1-96"  
  "hmac-sha1"  
  "hmac-md5-96"  
  "hmac-md5"
```