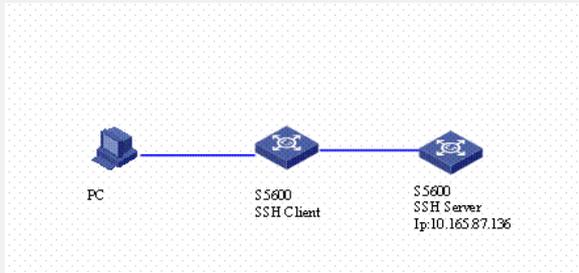


The configuration of SSH Client on H3C 5600 switch

I Requirement for the diagram

- 1. SwitchA act as SSH client, it's name is client003.
- 2. SwitchB act as SSH Server and it's ip address is 10.165.87.136.

II Network topology.



III Steps of configuration

- 1. Configure the client authenticate the server the first time.

```
[H3C] ssh client first-time enable
[SwitchA] rsa peer-public-key public
[SwitchA-rsa-public-key] public-key-code begin
[SwitchA-rsa-key-code]
308186028180739A291ABDA704F5D93DC8FDF84C427463
[SwitchA-rsa-key-code]
1991C164B0DF178C55FA833591C7D47D5381D09CE82913
[SwitchA-rsa-key-code]
D7EDF9C08511D83CA4ED2B30B809808EB0D1F52D045DE4
[SwitchA-rsa-key-code] 0861B74A0E135523CCD74CAC61F8E58C452B2F3F2DA0
DC
[SwitchA-rsa-key-code]
C48E3306367FE187BDD944018B3B69F3CBB0A573202C16
[SwitchA-rsa-key-code] BB2FC1ACF3EC8F828D55A36F1CDDC4BB45504F020125
[SwitchA-rsa-key-code] public-key-code end
[SwitchA-rsa-public-key] peer-public-key end
[SwitchA] ssh client 10.165.87.136 assign rsa-key public
```

- 3. start SSH client

The first mode : adopt password authentication and start the default Encryption Algorithm

```
[SwitchA] ssh2 10.165.87.136
username: client003
Trying 10.165.87.136
Press CTRL+K to abort
Connected to 10.165.87.136...
The Server is not autherncated.Do you continue access it?(Y/N):y
Do you want to save the server's public key?(Y/N):y
Enter password:
```

```
*****
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* Without the owner's prior written consent, *
*no decompiling or reverse-engineering shall be allowed.*
*****
```

<SwitchA>

The second mode: adopt RSA public-key authentication, start the corresponding Encryption Algorithm

```
[SwitchA] ssh2 10.165.87.136 22 prefer_kex dh_group1 prefer_ctos_cipher des prefer_ctos_hmac md5 prefer_stoc_hmac md5
username: client003
Trying 10.165.87.136...
Press CTRL+K to abort
```

Connected to 10.165.87.136...

The Server is not authenticated. Do you continue access it?(Y/N):y

Do you want to save the server's public key?(Y/N):y

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no decompiling or reverse-engineering shall be allowed.

<SwitchA>

IV Key notes in the configuration

None.