How to upload SSH user public-key
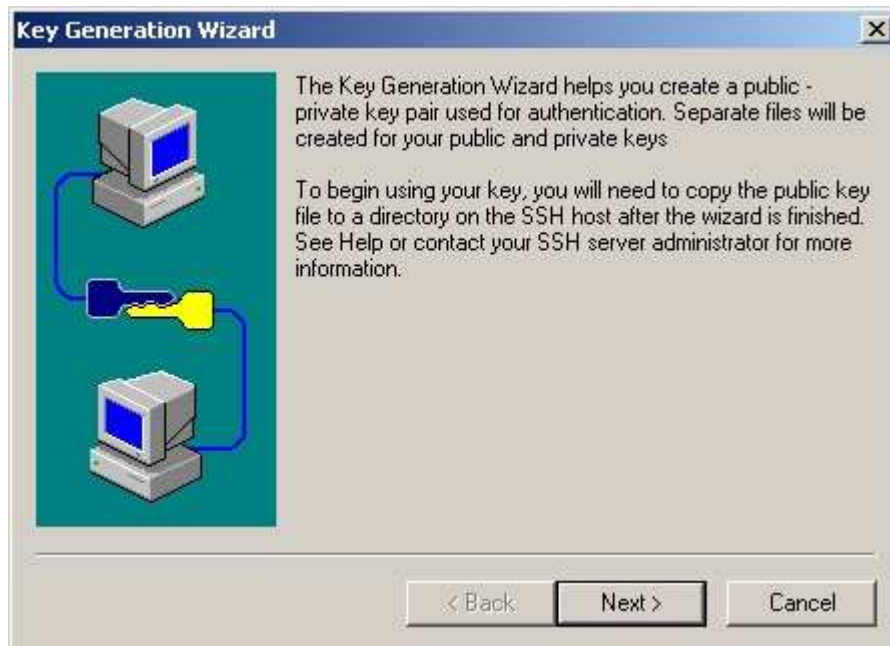
1. **Enable SSH and create an user account on DES-3028.**

2. **In SecureCRT, please select the "Tools" tab and click the option of "Create Public Key".**
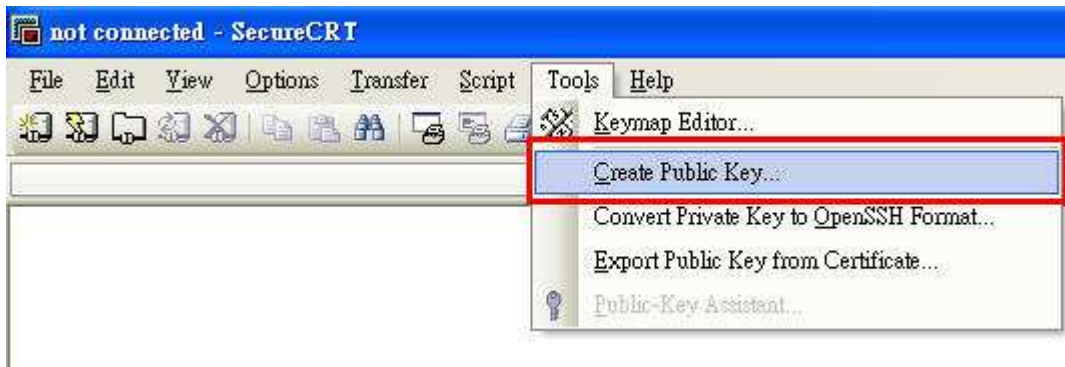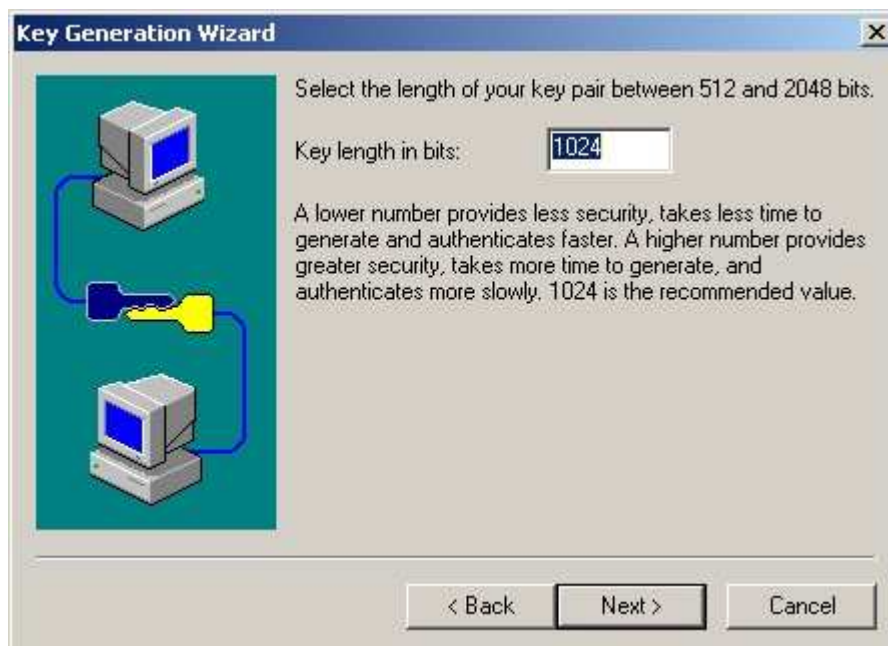
3.   The window of "Key Generation Wizard" will show.
   **Please click NEXT to continue the wizard.**

4.   Enter a passphrase and click the NEXT button.

Key Generation Wizard

Enter a passphrase which protects your encrypted private key. The passphrase is optional, but if it is not used, the private key will not be encrypted (not recommended).

Passphrase: ***

Confirm Passphrase: ***

Enter a comment that will be displayed when you are asked for your passphrase. It will be stored with your key.

Comment: Jason Chang@jason-2d960c06d

〔 < 上一步(B) 〕 〔 下一步(N) > 〕 〔 取消 〕

5.   The next screen requires you to input the key length.
        Please use the default value.

Key Generation Wizard

Select the length of your key pair between 512 and 2048 bits.

Key length in bits: 1024

A lower number provides less security, takes less time to generate and authenticates faster. A higher number provides greater security, takes more time to generate, and authenticates more slowly. 1024 is the recommended value.

〔 < Back 〕 〔 Next > 〕 〔 Cancel 〕

6. Click NEXT and the key generation is in the process.

Please wait for a moment to finish this step.
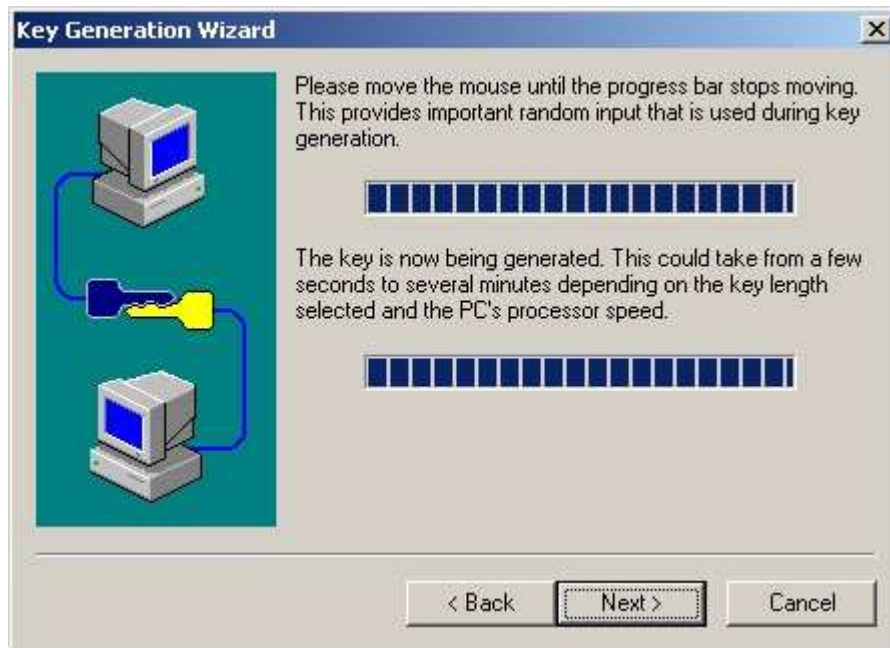
7. Click NEXT.

You should decide the file name and the path to store the public key.

8. **Click FINISH button.**

 You will find a pop-up window.

 Please click on YES button.

9. **Back to CLI.**

 Configure the SSH user account authmode to be "publickey".

 After that, show SSH user authmode.

 You will find the change is applied.

```
DES-3028G:5#
DES-3028G:5#show ssh user authmode
Command: show ssh user authmode

Current Accounts:
Username          AuthMode   HostName                              HostIP
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admin             Password

Total Entries : 1

DES-3028G:5#
DES-3028G:5#config ssh user admin authmode publickey
Command: config ssh user admin authmode publickey

Success.

DES-3028G:5#show ssh user authmode
Command: show ssh user authmode

Current Accounts:
Username          AuthMode   HostName                              HostIP
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admin             Publickey

Total Entries : 1

DES-3028G:5#
```
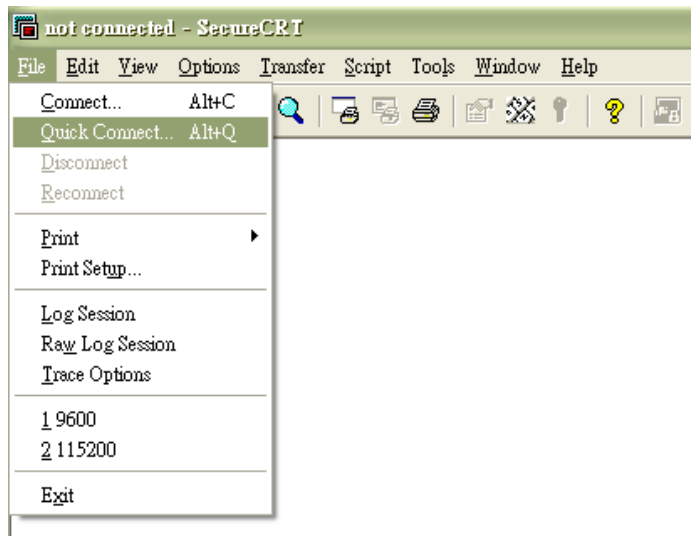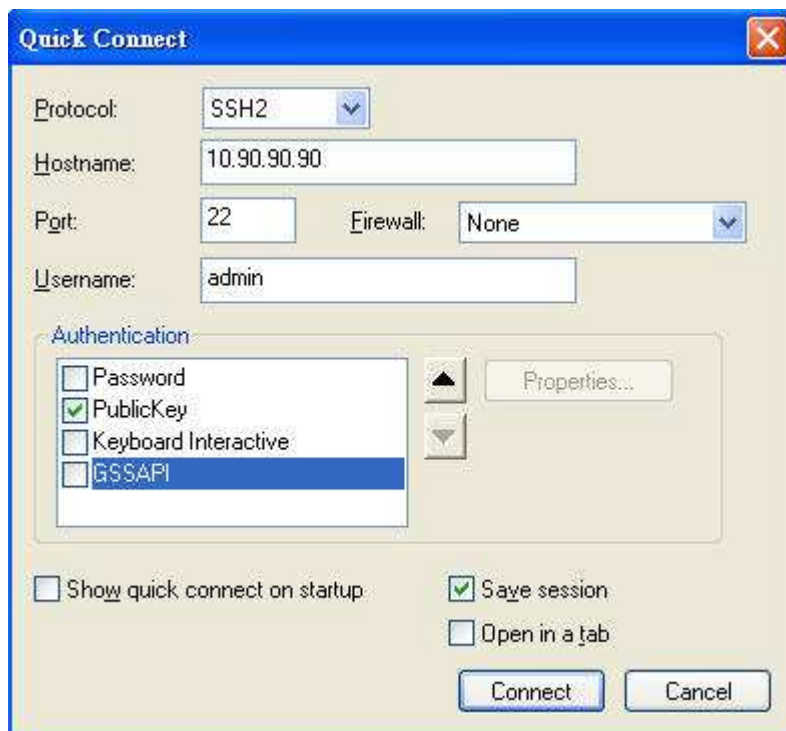
10. Select on File tab and click on the option of "Quick connect".
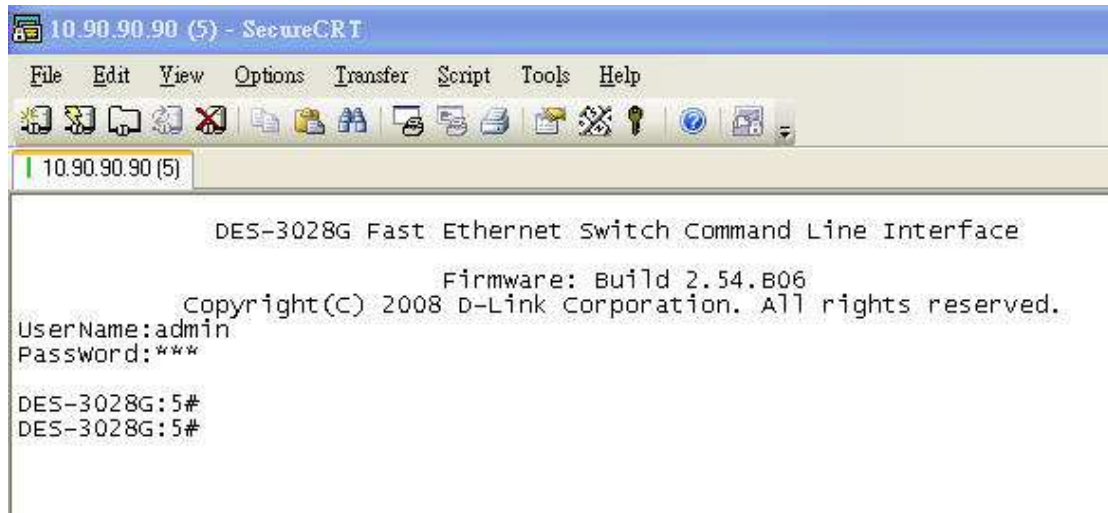

11. Please enter each item as the screenshot displayed.

Enter the passphrase which was specified in Step4.

12.   After step 11, please click CONNECT button.

   You should be able to connect to DES-3028 via SSH.