

SSH Connection Without Password

When connecting another system by the way of ssh-remote-login, you need enter the remote host's password every time. It is troublesome.

Now, perform the following steps:

Step1: Generate the key file

Enter the command bellow on local system to generate the key file.

```
ssh-keygen -t rsa
```

```
[sshtest@localhost ~]$  
[sshtest@localhost ~]$  
[sshtest@localhost ~]$  
[sshtest@localhost ~]$  
[sshtest@localhost ~]$  
[sshtest@localhost ~]$ id  
uid=502(sshtest) gid=503(sshtest) 组=503(sshtest) 环境=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c102  
[sshtest@localhost ~]$ ssh-keygen -t rsa  
Generating public/private rsa key pair.  
Enter file in which to save the key (/home/sshtest/.ssh/id_rsa):  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /home/sshtest/.ssh/id_rsa.  
Your public key has been saved in /home/sshtest/.ssh/id_rsa.pub.  
The key fingerprint is:  
9c:5d:85:70:3e:bb:22:36:fe:93:25:02:90:7b:d9:0e sshtest@localhost.localdomain  
The key's randomart image is:  
+--[ RSA 2048 ]-----+  
| .      ..... |  
| o       o.. |  
| o o    +   |  
| . E..o . o |  
| . +S . . |  
| o . . . |  
| +..+. |  
| o oo. |  
| .... |  
+-----+  
[sshtest@localhost ~]$
```

执行公私密钥生成命令

直接回车

直接回车

直接回车

密钥生成位置

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Step2: Transfer the key file

Enter the command bellow on local system to transfer the key file to the remote system

```
ssh-copy-id -i ~/.ssh/id_rsa.pub 用户名@IP地址
# for example
ssh-copy-id -i ~/.ssh/id_rsa.pub dss@10.164.194.42
```

Conclusion

It is finished! If meeting a few little problem about the key file such as "no file", you can perform the command bellow.

```
cd
rm -rf ~/.ssh
```

Then, repeat the above procedure!