

# Hướng dẫn sử dụng bút mực Rsync không cần pass

admin Sun, Apr 14, 2019 [Cài Đặt Cơ Bản & Hướng Dẫn](#) 0 376

**Rsync** là một tiện ích sử dụng rộng rãi để sao chép tệp tin trên hai hệ thống máy tính. Nó thường được tìm thấy trên các hệ thống Unix và các hệ thống nhúng. Rsync hóa tệp tin và chuyển trình truy cập tệp tin. Các thuật toán rsync, một loại mã hóa, giúp đỡ trong việc sao chép tệp tin. Zlib có thể được sử dụng để nén dữ liệu sau khi đã sao chép.

Nên sử dụng chung với crontab [Click here](#) hay incron

## 1. Cài đặt rsync , sử dụng bút mực và sao lưu thông minh

Cài đặt Rsync trên cài đặt vps của bạn

```
# yum install -y rsync
```

Lưu ý: thay đổi tên người dùng và địa chỉ IP

```
# rsync <options> ssh /Thư mục nguồn/ user@ip-vps /Thư mục đích/
```

Một số tùy chọn của rsync

--delete - xóa các tệp tin không tồn tại trên hệ thống mục tiêu

-v - 显示详细信息

-a - Chuyển đổi thư mục - nó bao gồm quyền (tên, nhóm), thời gian, các liên kết символique, và các thuộc tính khác

-e - "Tùy chỉnh ssh" - xác định ssh tệp

-z - nén file dưới dạng tar trong quá trình chuyển

--exclude=FOLDER\_hay\_FILE\_không\_muốn sao lưu

VD: Ta có [/thu-muc-nguon/](#) mu?n ??ng b? ??n ??a ch? [107.189.160.9:/thu-muc-dich/](#) ta gõ l?nh sau

```
# rsync -avze ssh /thu-muc-nguon/ root@107.189.160.9:/thu-muc-dich/
```

The screenshot shows two terminal windows side-by-side. The left window is titled 'root@vietduc thu-muc-nguon' and the right window is titled 'root@nguyenvietduc thu-muc-dich'. Both windows show the command 'ls -al' being run. The left window also shows the rsync command being run, which includes a warning about host fingerprinting and asks for confirmation to continue connecting. The right window shows the response to the rsync command.

```
[root@vietduc thu-muc-nguon]# ls -al
total 12
drwxr-xr-x  2 root root 4096 Mar 29 09:31 .
drwxr-xr-x  25 root root 4096 Mar 29 09:30 ..
-rw-r--r--  1 root root   14 Mar 29 09:31 test-rsync
[root@vietduc thu-muc-nguon]# rsync -avze ssh /thu-muc-nguon/ root@107.189.160.9:/thu-muc-dich/
The authenticity of host '107.189.160.9 (107.189.160.9)' can't be established.
RSA key fingerprint is 81:22:f0:06:01:7e:0e:a5:dc:67:81:00:28:5d:96:4f.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '107.189.160.9' (RSA) to the list of known hosts.
address 107.189.160.9 maps to we.love.servers.at.ioflood.com, but this does not map back to the address - POSSIBLE BREAK-IN ATTEMPT!
root@107.189.160.9's password:
Pending incremental file list
/
test-rsync

sent 102 bytes  received 34 bytes  11.83 bytes/sec
total size is 14  speedup is 0.10
[root@vietduc thu-muc-nguon]# 
```

```
[root@nguyenvietduc thu-muc-dich]# ls -al
total 8
drwxr-xr-x  2 root root 4096 Mar 29 09:31 .
drwxr-xr-x  25 root root 4096 Mar 29 09:31 ..
[root@nguyenvietduc thu-muc-dich]# ls -al
total 12
drwxr-xr-x  2 root root 4096 Mar 29 09:31 .
drwxr-xr-x  25 root root 4096 Mar 29 09:31 ..
-rw-r--r--  1 root root   14 Mar 29 09:31 test-rsync
[root@nguyenvietduc thu-muc-dich]# 
```

## 2.T?o key gen ?? ??ng nh?p kh?ng c?n d?ng pass

```
# ssh-keygen
```

N?u c?c c?u h?i sau th? c? ?n enter

Enter file in which to save the key (/root/.ssh/id\_rsa):

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

```
# ssh-copy-id -i ~/.ssh/id_rsa.pub ip-vps mu?n truy c?p
```

VD :ta mu?n truy c?p ip 107.189.160.9 ta l?m nh? sau

```
[root@nguyenvietduc ~]# ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/root/.ssh/id_rsa):
/root/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /root/.ssh/id_rsa.
Your public key has been saved in /root/.ssh/id_rsa.pub.
The key fingerprint is:
3f:91:d4:3d:8a:4c:b5:68:22:72:9d:d4:db:43:78:b4 root@vietduc.7
The key's randomart image is:
---[ RSA 2048]---
+ ..oo
| o .o+o+
. o + ==E o
o . *..o.
S = ..
. .
o
.
-----
[root@vietduc thu-muc-nguon]# ssh-copy-id -i ~/.ssh/id_rsa.pub 107.189.160.9
address 107.189.160.9 maps to we.love.servers.at.ioflood.com, but this does not map back to the address - POSSIBLE BREAK-IN ATTEMPT!
root@107.189.160.9's password:
Now try logging into the machine, with "ssh '107.189.160.9'", and check in.

.ssh/authorized_keys

: make sure we haven't added extra keys that you weren't expecting.

[root@vietduc thu-muc-nguon]# ssh 107.189.160.9
address 107.189.160.9 maps to we.love.servers.at.ioflood.com, but this does not map back to the address - POSSIBLE BREAK-IN ATTEMPT!
[root@nguyenvietduc ~]#
```

### 3. Test l?i rsync c?c b?n s? th?y kh?ng b? h?i pass n?a

```
# rsync -avze ssh /thu-muc-nguon/ root@107.189.160.9:/thu-muc-dich/
```

```
[root@vietduc thu-muc-nguon]# ls -al
total 16
drwxr-xr-x  2 root root 4096 Mar 29 10:09 .
dr-xr-xr-x. 25 root root 4096 Mar 29 09:30 ..
-rw-r--r--  1 root root  14 Mar 29 09:31 test-rsync
-rw-r--r--  1 root root 15 Mar 29 09:49 test-rsync2
[root@vietduc thu-muc-nguon]# rsync -avze ssh /thu-muc-nguon/ root@107.189.160.9:/thu-muc-dich
address 107.189.160.9 maps to we.love.servers.at.inflood.com, but this does not map back to the address - POSSIBLE BREAK-IN ATTEMPT!
sending incremental file list
./
test-rsync2

sent 117 bytes  received 34 bytes  302.00 bytes/sec
total size is 29  speedup is 0.19
[root@vietduc thu-muc-nguon]# 
```

  

```
[root@nguyenvietduc thu-muc-dich]# ls -al
total 12
drwxr-xr-x  2 root root 4096 Mar 29 10:08 .
dr-xr-xr-x. 25 root root 4096 Mar 29 09:31 ..
-rw-r--r--  1 root root  14 Mar 29 09:31 test-rsync
[root@nguyenvietduc thu-muc-dich]# ls -al
total 16
drwxr-xr-x  2 root root 4096 Mar 29 10:09 .
dr-xr-xr-x. 25 root root 4096 Mar 29 09:31 ..
-rw-r--r--  1 root root  14 Mar 29 09:31 test-rsync
-rw-r--r--  1 root root 15 Mar 29 09:49 test-rsync2
[root@nguyenvietduc thu-muc-dich]# 
```

## 4. I?i key gen

@!?! ssh-keygen

```
@@@@@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
@   WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!   @  
@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!
```

Someone could be eavesdropping on you right now (man-in-the-middle attack)!  
It is also possible that the RSA host key has just been changed.

The fingerprint for the RSA key sent by the remote host is  
c0:30:a1:88:11:73:45:6e:cf:9c:14:34:eb:3f:c8:2b.

Please contact your system administrator.

Add correct host key in /root/.ssh/known\_hosts to get rid of this message.

Offending key in /root/.ssh/known\_hosts:1

RSA host key for 167.114.127.40 has changed and you have requested strict  
checking.

Host key verification failed.

```
#s?a  
rm -rf /root/.ssh/known_hosts
```

Online URL: <https://huongdan.maxserver.com/article-157.html>