

SFTP Server

?????? SFTP ????? SSH????????(Chroot)

?? CentOS 6 ????

?? /etc/ssh/sshd_config

NOTE: ?? Subsystem ????????

override default of no subsystems

#Subsystem sftp /usr/libexec/openssh/sftp-server

Subsystem sftp internal-sftp

Match Group sftp-only

ChrootDirectory /sftp-server/%u-root

X11Forwarding no

AllowTcpForwarding no

ForceCommand internal-sftp

????/??

groupadd sftp-only

useradd -c "sftp users" -G sftp-only -M -s /sbin/nologin test

?? sftp ????????????? *??*

mkdir /sftp-server

mkdir -p /sftp-server/test-root/test

chown mytest:mytest /sftp-server/test-root/test

TIPS?

- ChrootDirectory ?????? Owner ??? root??? /var/log/secure ?????:

Accepted password for test from 10.12.25.68 port 60213 ssh2

pam_unix(sshd:session): session opened for user test by (uid=0)

fatal: bad ownership or modes for chroot directory "/home/test"

pam_unix(sshd:session): session closed for user test

- sftp ??????????

tree -l /sftp-server

/sftp-server

??? test2-root

? ??? test2

? ??? readme.txt

??? test-root

??? test

4 directories, 1 file

NOTE: ?????????? test-root??

ChrootDirectory /sftp-server

?? test-root ????

FAQ

Q: /var/log/secure ????

```
Accepted password for test from 10.12.25.68 port 60213 ssh2
pam_unix(sshd:session): session opened for user test by (uid=0)
fatal: bad ownership or modes for chroot directory "/home/test"
pam_unix(sshd:session): session closed for user test
```

A: ChrootDirectory ?????? Owner ??? root?

?? Chroot ?????????????????? log ??? "fatal: bad ownership or modes for chroot directory XXXXXX" ??????
[openssh 5.1 chrootdirectory permissions issue](#) ?????????????????????????????????????

- ? ChrootDirectory ?? root
- ? ChrootDirectory ??

Q: ?????? SFTP????? SSH ???

A: CentOS 5 ????????????

?????? shell

```
# usermod -s /usr/libexec/openssh/sftp-server john
# echo "/usr/libexec/openssh/sftp-server" >> /etc/shells
```

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- Chroot ??
 - ? [How to Setup Chroot SFTP in Linux \(Allow Only SFTP, not SSH\)](#)
 - ? <http://liuchiu.pixnet.net/blog/post/24913796>
 - ? [\[SFTP\]SSH??ChrootDirectory?????????](#)
 - ? [How To Setup SFTP Jails In Linux](#)
- [Setting Up SFTP Public Key Authentication On The Command Line](#)
- [????????~MySecureShell](#)