How to configure SFTP

Note: base on Apache had installed.

1. Create new user in apache group

# /usr/sbin/useradd -g apache -s /sbin/nologin bmsc

1. setup sftp-server Subsystem in sshd\_config

    comment line "Subsystem sftp /usr/libexec/openssh/sftp-server" in file /etc/ssh/sshd\_config

    add "Subsystem sftp internal-sftp"

# grep sftp /etc/ssh/sshd\_config

The output should as below:

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

**Subsystem       sftp    internal-sftp**

1. specify Chroot Directory for a Group

    add the following lines at the end of /etc/ssh/sshd\_config

     # vi /etc/ssh/sshd\_config

**Match Group apache**

**ChrootDirectory /content/sa**

**ForceCommand internal-sftp**

1. Create bmsc Home Directory

# mkdir /content/sa/bmsc

# chown bmsc:apache /content/sa/bmsc

1. Check directory permission

the permission will look the following:

# ls -ld /content/sa/bmsc

drwxr-xr-x 2 bmsc apache 4096 Dec 28 23:49 /content/sa/bmsc

# ls -ld /content/sa

drwxr-xr-x 3 root root 4096 Dec 28 23:49 /content/sa

# ls -ld /content

drwxr-xr-x 3 root root 4096 Dec 28 23:49 /content

1. Restart sshd

# service sshd restart