

# Setup SFTP to Public Directory (/var/www)

## Configuring SSH for SFTP

1. `vim /etc/ssh/sshd_config`
2. Comment the following line:
  1. `Subsystem sftp /usr/local/libexec/sftp-server`
3. Add the following lines:
  1. `Subsystem sftp internal-sftp`
  2. `Match Group <sftp_group>`
  3. `ChrootDirectory %h`
  4. `ForceCommand internal-sftp`
  5. `X11Forwarding no`
  6. `AllowTcpForwarding no`
4. Save and close
5. Reload ssh `sudo systemctl restart sshd`

## Add SFTP User and Set Permission

1. `sudo groupadd <user> -g <sftp_group> -s /bin/false -d /var/www/html`
2. `sudo passwd <user>`
3. `sudo chown root /var/www/html`
4. `sudo chmod 755 /var/www/html`
5. `sudo mkdir /var/www/html/<dir>`
6. `sudo chmod 775 /var/www/html/<dir>`
7. `sudo chown apache:apache /var/www/html/<dir>`
8. `sudo chmod g+s /var/www/html/<dir>`

## Selinux

1. `sudo setsebool -P ssh_chroot_rw_homedirs on`
2. `sudo setsebool -P httpd_unified 1`
3. `sudo setfacl -d -m g:apache:rw /var/www/html/<dir>`

# References

1. [Spiceworks Article](#)
2. [CentOS Docs](#)

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