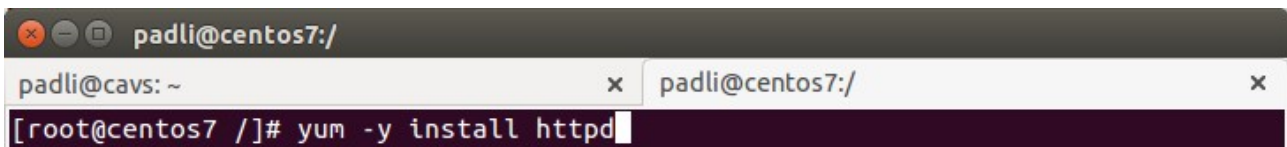# CONFIG APACHE VIRTUAL HOST

Note : centOS 7.

vHost / 192.168.100.30
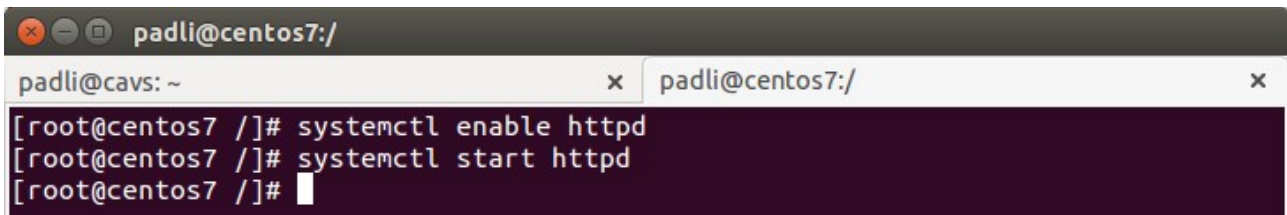
client / 192.168.100.7

1. install apache.
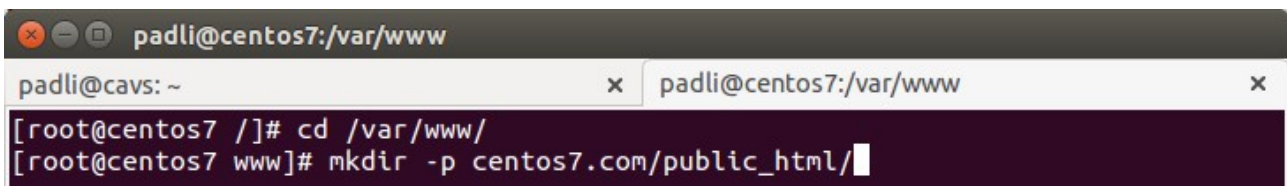
```
padli@centos7:/
padli@cavs: ~                                    ×    padli@centos7:/                              ×
[root@centos7 /]# yum -y install httpd
```

2. enable & start apache service.

```
padli@centos7:/
padli@cavs: ~                                    ×    padli@centos7:/                              ×
[root@centos7 /]# systemctl enable httpd
[root@centos7 /]# systemctl start httpd
[root@centos7 /]#
```

3. create dir "mkdir -p /var/www/centos7.com/public_html".

```
padli@centos7:/var/www
padli@cavs: ~                                    ×    padli@centos7:/var/www                       ×
[root@centos7 /]# cd /var/www/
[root@centos7 www]# mkdir -p centos7.com/public_html/
```

4. create dir "mkdir -p /var/www/raisa.com/public_html".

```
padli@centos7:/var/www
padli@cavs: ~                    ×    padli@centos7:/var/www          ×
[root@centos7 www]# mkdir -p raisa.com/public_html/
```

5. cek dir.

```
padli@centos7:/var/www
padli@cavs: ~                    ×    padli@centos7:/var/www          ×
[root@centos7 www]# ls
centos7.com  cgi-bin  html  raisa.com
[root@centos7 www]#
```
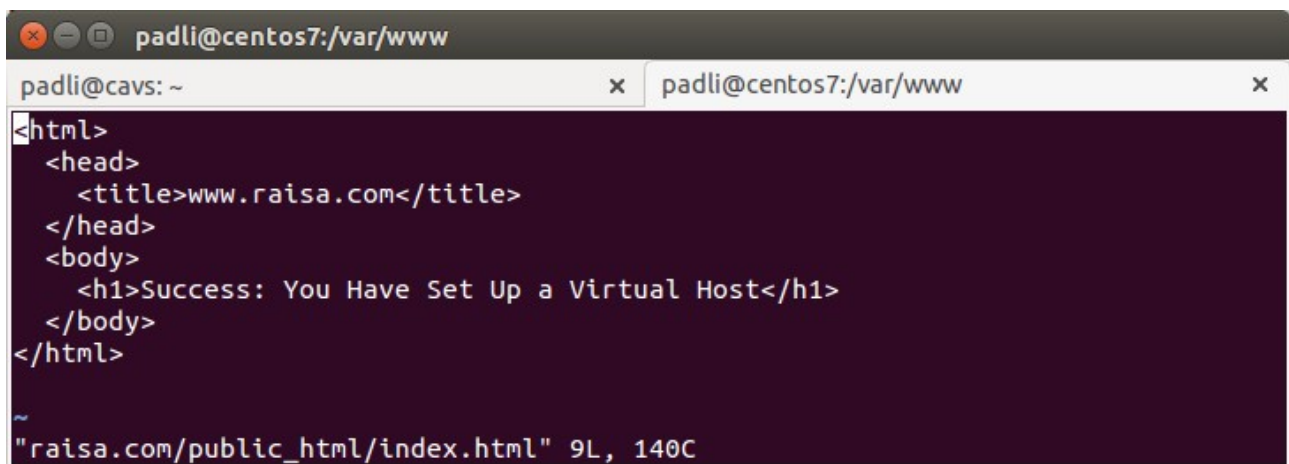
6. change owner, group & rwx.

```
padli@centos7:/var/www
padli@cavs: ~                    ×    padli@centos7:/var/www          ×
[root@centos7 www]# chown -R $USER:$USER /var/www/centos7.com/public_html/
[root@centos7 www]# chown -R $USER:$USER /var/www/raisa.com/public_html/
[root@centos7 www]# chmod -R 755 /var/www/
[root@centos7 www]#
```

7. create file "vi /var/www/centos7.com/public_html/index.html".

```
padli@centos7:/var/www
padli@cavs: ~                    ×    padli@centos7:/var/www          ×
<html>
  <head>
    <title>www.centos7.com</title>
  </head>
  <body>
    <h1>Success: You Have Set Up a Virtual Host</h1>
  </body>
</html>
~
~
~
"centos7.com/public_html/index.html" 8L, 141C
```

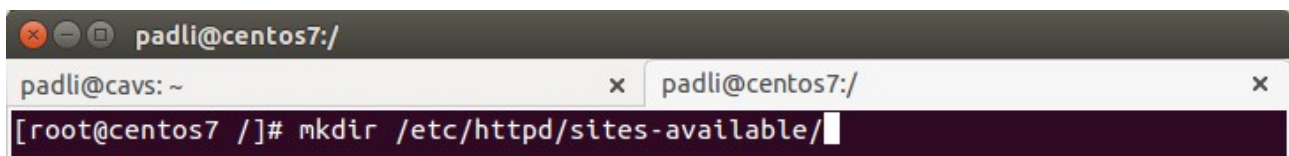8. create file "vi /var/www/raisa.com/public_html/index.html".

```
padli@centos7:/var/www

padli@cavs: ~          ×    padli@centos7:/var/www          ×

<html>
  <head>
    <title>www.raisa.com</title>
  </head>
  <body>
    <h1>Success: You Have Set Up a Virtual Host</h1>
  </body>
</html>

~
"raisa.com/public_html/index.html" 9L, 140C
```
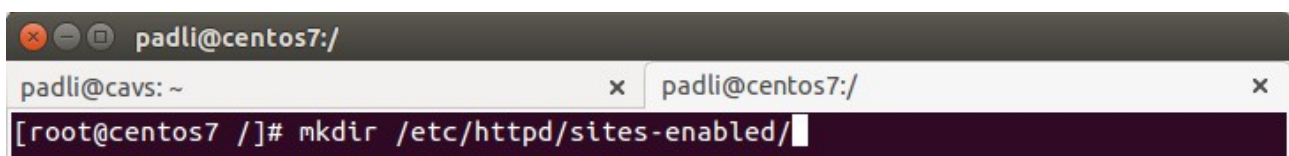
9. create dir.

```
padli@centos7:/

padli@cavs: ~          ×    padli@centos7:/          ×

[root@centos7 /]# mkdir /etc/httpd/sites-available/
```
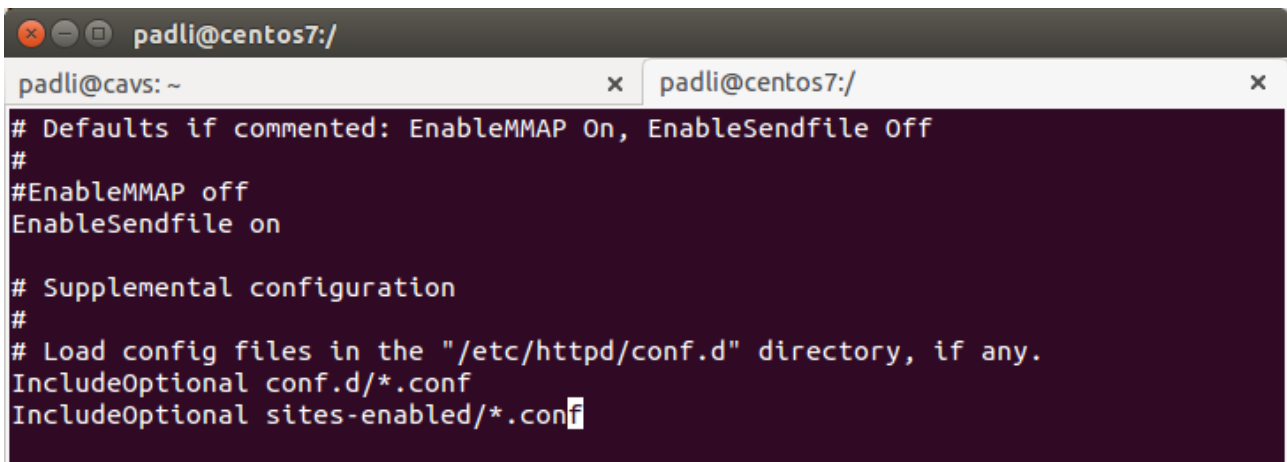
10. create dir.

```
padli@centos7:/

padli@cavs: ~          ×    padli@centos7:/          ×

[root@centos7 /]# mkdir /etc/httpd/sites-enabled/
```

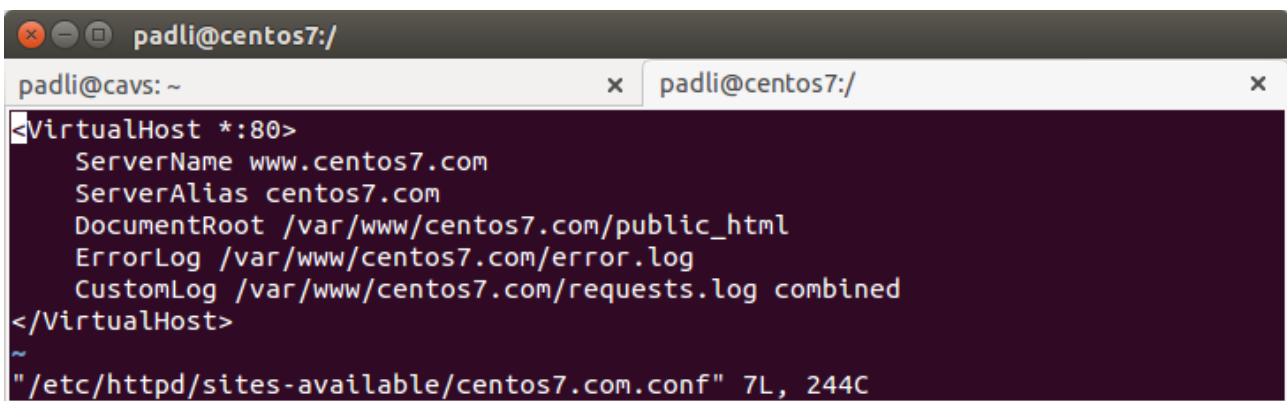**11. set "vi /etc/httpd/conf/httpd.conf" & add this line.**

```
padli@centos7:/
padli@cavs: ~                                    ×    padli@centos7:/                      ×
# Defaults if commented: EnableMMAP On, EnableSendfile Off
#
#EnableMMAP off
EnableSendfile on

# Supplemental configuration
#
# Load config files in the "/etc/httpd/conf.d" directory, if any.
IncludeOptional conf.d/*.conf
IncludeOptional sites-enabled/*.conf
```
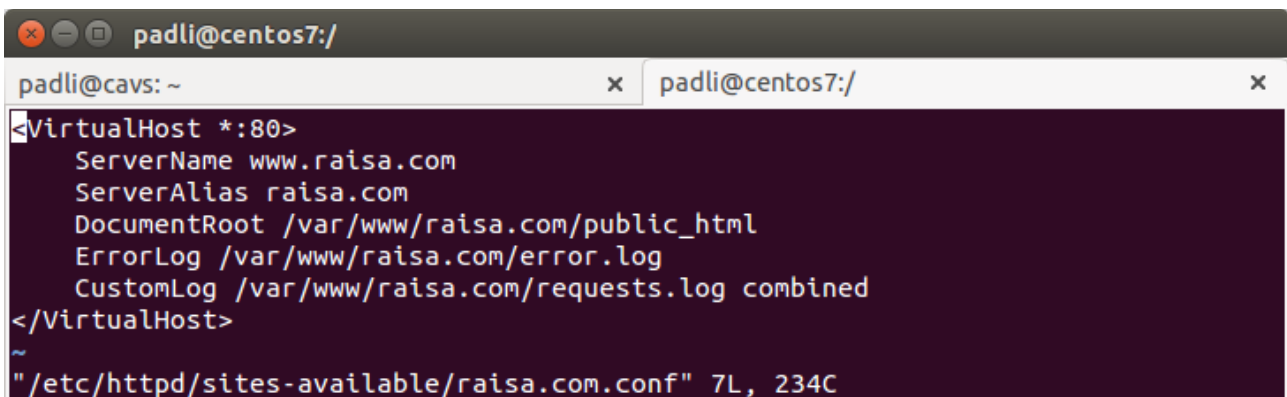
12. create file "vi /etc/httpd/sites-available/centos7.com.conf" & set like this.

```
padli@centos7:/
padli@cavs: ~                                    ×    padli@centos7:/                      ×
<VirtualHost *:80>
    ServerName www.centos7.com
    ServerAlias centos7.com
    DocumentRoot /var/www/centos7.com/public_html
    ErrorLog /var/www/centos7.com/error.log
    CustomLog /var/www/centos7.com/requests.log combined
</VirtualHost>
~
"/etc/httpd/sites-available/centos7.com.conf" 7L, 244C
```

13. create file "vi /etc/httpd/sites-available/raisa.com.conf" & set like this.

```
padli@centos7:/
padli@cavs: ~                                    ×    padli@centos7:/                      ×
<VirtualHost *:80>
    ServerName www.raisa.com
    ServerAlias raisa.com
    DocumentRoot /var/www/raisa.com/public_html
    ErrorLog /var/www/raisa.com/error.log
    CustomLog /var/www/raisa.com/requests.log combined
</VirtualHost>
~
"/etc/httpd/sites-available/raisa.com.conf" 7L, 234C
```

14. create shortcut.

```
[root@centos7 /]# ln -s /etc/httpd/sites-available/centos7.com.conf /etc/httpd/sites-enabled/centos7.com.conf
```

15. create shortcut.

```
[root@centos7 /]# ln -s /etc/httpd/sites-available/raisa.com.conf /etc/httpd/sites-enabled/raisa.com.conf
```

16. restart apache.

```
[root@centos7 /]# systemctl restart httpd
[root@centos7 /]#
```

17. set "vi /etc/hosts" on client.

```
  GNU nano 2.2.6              File: /etc/hosts                    Modified

127.0.0.1         localhost
127.0.1.1         cavs.com
192.168.100.30    www.centos7.com www
192.168.100.30    www.raisa.com    www

# The following lines are desirable for IPv6 capable hosts
::1       ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes


^G Get Help    ^O WriteOut   ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos
^X Exit        ^J Justify    ^W Where Is   ^V Next Page  ^U UnCut Text ^T To Spell
```

18. tes browsing on client.