**HOW TO CREATE A NEW VIRTUAL HOSTS**

**1**. First login into server with public ip ,.ppk files and password(if any)

**2.**When you login its will ask for user name --user name details given below

Aws based:- “**ec2-use**r”

Ubuntu based: “ubuntu”

Centos/Red hat: ”**root**”

Then check yourusername ,if root then don’t change .Otherwise Switch the user.

Command == "**sudosu**" for aws based systems and ubuntu based

**3.**After login type command “**httpd -S"**for **RHEL** based OS and

ForUbuntu and Debian based systems use “**apache2ctl -S”**

O/P :-

VirtualHost configuration:

wildcardNameVirtualHosts and \_default\_ servers:

\*:80 is a NameVirtualHost

default server demopreschool.andolasoft.co.in (/etc/httpd/conf.d/demopresh.conf:1)

port 80 namevhost demopreschool.andolasoft.co.in (/etc/httpd/conf.d/demopresh.conf:1)

port 80 namevhostils.andolasoft.co.in (/etc/httpd/conf.d/ils.conf:1)

port 80 namevhost ar-ils.andolasoft.co.in (/etc/httpd/conf.d/ils.conf:12)

port 80 namevhostpreschool.andolasoft.co.in (/etc/httpd/conf.d/pro.conf:1)

Syntax OK

Yellowmark shows the virtual host or url running on thisserver

Greenmarks shows the path of the url or virtual host’s configuration files

1. After that go to the apache configuration directory and list out the files.Apply Commands:

**cd /etc/httpd/conf.d/**

**ls**

You’ll see some configuration files.

**6**. Now Create a configuration files for a new virtual hosts.

**vim /etc/httpd/conf.d/demopresh.conf**

**[demopresh.conf**is your virtualhostconfig file**]**

A blank editor will open. Press**i** for insert mode and paste that files

**<VirtualHost \*:80>**

**ServerAdmin das91.atish@gmail.com**

**ServerNamedemopreschool.andolasoft.co.in**

**DocumentRoot /var/www/html/preschooldemo**

**<Directory /var/www/html/preschooldemo>**

**AllowOverride All**

**Order allow,deny**

**allowfrom all**

**</Directory>**

**</VirtualHost>**

After that press **Esc** key and type :wq and press Enter To exit from the vi editor.

**Server Name Parameter should be changed according to your requirement. And appropriate Document Root should be set.[Most important for virtual hosting]**

1. Now go to the Webroot and fetch the code from gitrepository

Command:

**cd/var/www/html [For changing to the Document Root]**

**git clone** [**git@git.andolasoft.co.in:Nasim/preschool.git**](mailto:git@git.andolasoft.co.in:Nasim/preschool.git)**preschooldemo**

**preschooldemo** is the new folder name where repositrywill be cloned.

**DocumentRoot /var/www/html/preschooldemo”**

1. Restart the apache server

Command:-

**service httpd restart [ For AWS and red hat based OS]**

**service apache2 restart [ Forubuntu based system OS]**