

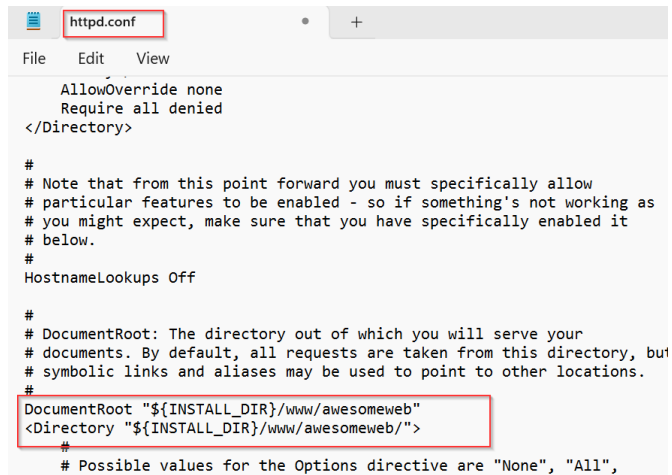
## Question Number1:

Deploying a website on localhost using apache2 & Creating a DNS name for this website as 'awesomeweb'.

1. Using WAMP Server to Deploy Website on Localhost.
2. Have put the Folder named **"awesomeweb"** which has my webserver file details into "C:\wamp64\www" to store the website file.
3. Updated file "httpd-vhosts.conf" to add the Route/path & the DNS name which is **"awesomeweb"** in the path "C:\wamp64\bin\apache\apache2.4.54.2\conf\extra".

```
# Virtual Hosts
#
<VirtualHost *:80>
    ServerName awesomeweb
    ServerAlias awesomeweb
    DocumentRoot "${INSTALL_DIR}/www/awesomeweb"
    <Directory "${INSTALL_DIR}/www/awesomeweb/">
        Options +Indexes +Includes +FollowSymLinks +MultiViews
        AllowOverride All
        Require local
    </Directory>
</VirtualHost>
```

4. Also made changed in "httpd.conf" file to update the path or route details. This file present in "C:\wamp64\bin\apache\apache2.4.54.2\conf" path.

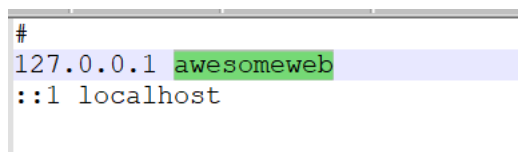


```
File Edit View
AllowOverride none
Require all denied
</Directory>

#
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
#
HostnameLookups Off

#
# DocumentRoot: The directory out of which you will serve your
# documents. By default, all requests are taken from this directory, but
# symbolic links and aliases may be used to point to other locations.
#
DocumentRoot "${INSTALL_DIR}/www/awesomeweb"
<Directory "${INSTALL_DIR}/www/awesomeweb/">
# Possible values for the Options directive are "None", "All",
```

5. Also Changed the name from localhost to **"awesomeweb"** in our computer's host file. The path for that file is **"C:\Windows\System32\drivers\etc"**. The File name is **"hosts"**



```
#
127.0.0.1 awesomeweb
::1 localhost
```

8. Now “restart all services or refresh” the WAMP icon then in (in default) webpage, type “awesomeweb” you will be able to host “awesomeweb” as Domain name.

