



PHP OVER NETWORK USING VIRTUAL DOMAIN



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How to make multiple virtual domain name in xampp?

If you want your own domain instead of local host to browse your site on local computer then follow the steps below:

Step 1:

First go to windows → system32 → driver → etc

There is a file named host. Copy it on desktop edit as shown below and save it. Now copy it back to etc folder and replace the previous one.

We copy it on desktop to edit because you might get trouble, as the permission is denied inside etc folder.

Host file :

```
# Copyright (c) 1993-2009 Microsoft Corp.

#

# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.

#

# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.

#

# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.

#
# For example:
#
# 102.54.94.97 rhino.acme.com # source server
# 38.25.63.10 x.acme.com # x client host

# localhost name resolution is handled within DNS itself.
# 127.0.0.1 localhost
```

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```
#          ::1          localhost
```

These are user defined domain, that depends on you. Do not edit the above section. Just add the domain you wish like this.

```
127.0.0.1      www.tekrajchhetri.com
```

```
127.0.0.1      www.ssn.attendance.com
```

Step 2:

The second step is to edit the httpd.conf file. You can do this so by going inside xampp\apache\conf or by selecting httpd.conf file from xampp control panel.

Insert the following code at the end of the file and edit path and alias name only.

```
Alias /tekrajchhetri "F:/SERVER/xampp/htdocs/new/"
```

```
<Directory "F:/SERVER/xampp/htdocs/new/">
```

```
AllowOverride All
```

```
order allow,deny
```

```
Allow from all
```

```
</directory>
```

Here /tekrajchhetri is the alias name and F:/SERVER/xampp/htdocs/new/ is path for website that may vary depending on your xampp installation and copy the rest. Just edit on alias name and path.

Step 3:

This is the final step and some changes has to be made on httpd-vhosts.conf file present inside xampp\apache\conf\extra.

Insert the following code at the end of the file edit only domain name, set alias name, server admin and path.

```
NameVirtualHost *:80
```

```
<VirtualHost *:80>
```

```
    ServerName www.tekrajchhetri.com
```

```
    ServerAlias tekrajchhetri
```

```
    ServerAdmin admin@tekrajchhetri.com
```

```
    DocumentRoot "F:/SERVER/xampp/htdocs/new"
```

```
</VirtualHost>
```

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Here ServerName is predefined and www.tekrajchhetri.com is userdefined domain in hosts file.

ServerAlias is predefined and tekrajchhetri is userdefined alias name in httpd.conf file.

ServerAdmin is predefined and admin@tekrajchhetri.com userdefined used for mailing purpose.

DocumentRoot is predefined and F:/SERVER/xampp/htdocs/new is path for website which may vary from you.

How to share the xampp on network?

For this we have to make some changes in httpd-xampp.conf file.

First go to xampp control panel and config button click on it and select the config file as stated above.

There is something as:

```
<LocationMatch "^/(?:xampp|security|licenses|phpmyadmin|webalizer|server-status|server-info)">
```

```
    Order deny,allow
```

```
    Deny from all
```

```
    Allow from ::1 127.0.0.0/8 \
```

```
        fc00::/7 10.0.0.0/8 172.16.0.0/12 192.168.0.0/16 \
```

```
        fe80::/10 169.254.0.0/16
```

```
    ErrorDocument 403 /error/XAMPP_FORBIDDEN.html.var
```

```
</LocationMatch>
```

Then edit the above as

```
<LocationMatch "^/(?:xampp|security|licenses|phpmyadmin|webalizer|server-status|server-info)">
```

```
    Order deny,allow
```

```
    allow from all
```

```
    Allow from ::1 127.0.0.0/8 \
```

```
        fc00::/7 10.0.0.0/8 172.16.0.0/12 192.168.0.0/16 \
```

```
        fe80::/10 169.254.0.0/16
```

ErrorDocument 403 /error/XAMPP_FORBIDDEN.html.var

</LocationMatch>

Then you can access the content of your localhost from other computer through lan or internet using your ip / domain name as we created earlier.