

# Apache configuration

[Debian](#) [TS-WXL](#)

See Debian apache configuration values.

Of particular concern is the directory where html and cgi-bin are located.

## Where is httpd.conf?

```
yasunari @ tswxl: ~ $ cd / etc / apache2 /
yasunari @ tswxl: / etc / apache2 $ ls -l
total 40
-rw-r--r-- 1 root root 10104 Mar 29 04:11 apache2.conf
drwxr-xr-x 2 root root 4096 May 30 23:33 conf.d
-rw-r--r-- 1 root root 378 Mar 29 04:11 envvars
-rw-r--r-- 1 root root 0 May 30 23:33 httpd.conf
drwxr-xr-x 2 root root 4096 May 30 23:33 mods-available
drwxr-xr-x 2 root root 4096 May 30 23:33 mods-enabled
-rw-r--r-- 1 root root 513 Mar 29 04:11 ports.conf
drwxr-xr-x 2 root root 4096 May 30 23:33 sites-available
drwxr-xr-x 2 root root 4096 May 30 23:33 sites-enabled
yasunari @ tswxl: / etc / apache2 $
```

It was found smoothly. But a little weird. 0 bytes.

## View configuration file

When you say hello, is apache2.conf equivalent to httpd.conf?

```
yasunari@tswxl:/etc/apache2$ grep httpd apache2.conf
# See http://httpd.apache.org/docs/2.2/ for detailed information about
# at );
Include /etc/apache2/httpd.conf
yasunari @ tswxl: / etc / apache2 $
```

After all, apache2.conf includes httpd.conf. Does that mean that you only need to configure the settings specific to httpd.conf? ? ?

## can not find

I tried to grep DocumentRoot and cgi-bin,

```
yasunari@tswxl:/etc/apache2$ grep DocumentRoot *
yasunari @ tswxl: / etc / apache2 $ grep cgi-bin *
apache2.conf:#ErrorDocument 404 "/cgi-bin/missing_handler.pl"
yasunari @ tswxl: / etc / apache2 $
```

Not in configuration file.

Is that a compile-time default?

If you look for subdirectories,

```
tswxl:/etc/apache2# grep DocumentRoot */*
sites-available/default: DocumentRoot /var/www/
```

```
sites-available/default-ssl:    DocumentRoot /var/www/
```

```
sites-enabled/000-default:    DocumentRoot /var/www/
tswxl:/etc/apache2#
```

found.

## Site-specific settings

Apparently, the site-specific settings should be / etc / apache2 / sites-available / default.

```
tswxl:/etc/apache2# cat sites-available/default
<VirtualHost *:80>
    ServerName www.yamasita.jp
    ServerAdmin webmaster@localhost

    DocumentRoot /home/httpd/html
    <Directory />
        Options FollowSymLinks
        AllowOverride None
    </Directory>
    <Directory //home/httpd/html/>
        Options Indexes FollowSymLinks MultiViews
        AllowOverride None
        Order allow,deny
        allow from all
    </Directory>

    ScriptAlias /cgi-bin/ /home/httpd/cgi-bin/
    <Directory "/home/httpd/cgi-bin">
        AllowOverride None
        Options +ExecCGI -MultiViews +SymLinksIfOwnerMatch
        Order allow,deny
        Allow from all
    </Directory>

    ErrorLog /var/log/apache2/error.log

    # Possible values include: debug, info, notice, warn, error, crit,
    # alert, emerg.
    LogLevel warn

    CustomLog /var/log/apache2/access.log combined

    Alias /doc/ "/usr/share/doc/"
    <Directory "/usr/share/doc/">
        Options Indexes MultiViews FollowSymLinks
        AllowOverride None
        Order deny,allow
        Deny from all
        Allow from 127.0.0.0/255.0.0.0 ::1/128
    </Directory>
</VirtualHost>
tswxl:/etc/apache2#
```

## Create directory

```
tswxl:/etc/apache2# cd /
tswxl: / # ls -l
total 101
drwxr-xr-x  2 root root  4096 May  7 06:58 bin
```

```

drwxr-xr-x  2 root root  4096 May  7 00:58 bin
drwxr-xr-x  3 root root  4096 May 14 23:37 boot
drwxr-xr-x  5 root root 36864 Jun  2 2010 dev
drwxr-xr-x 52 root root  4096 Jun  2 2010 etc
drwxr-xr-x  3 root root  4096 Mar 16 23:24 home
drwxr-xr-x 19 root root  1024 Mar  7 23:30 initrd
drwxr-xr-x 10 root root 12288 May 30 23:33 lib
drwxr-xr-x  2 root root  4096 Mar  6 23:34 media
drwxr-xr-x  3 root root    19 May 14 21:53 mnt
drwxr-xr-x  2 root root  4096 Mar  6 23:34 opt
dr-xr-xr-x 60 root root    0 Jan  1 1970 proc
drwxr-xr-x  2 root root  4096 Apr 10 19:11 root
drwxr-xr-x  2 root root  4096 May 15 06:17 sbin
drwxr-xr-x  2 root root  4096 Sep 16 2008 selinux
drwxr-xr-x  2 root root  4096 Mar  6 23:34 srv
drwxr-xr-x 10 root root    0 Jan  1 1970 sys
drwxrwxrwt  2 root root  4096 Jun  2 2010 tmp
drwxr-xr-x 10 root root  4096 Mar  6 23:34 usr
drwxr-xr-x 14 root root  4096 May 30 23:33 var
odx1: / #

```

First, move / home to / mnt and create a symbolic link

```

tswx1: / # ls / mnt
Backup
tswx1:/# tar cf - home |(cd /mnt; tar xvf -)
home/
home / yamasita /
home / yamasita / yasunari /
home / yamasita / yasunari / .lessht
home / yamasita / yasunari / .profile
home / yamasita / yasunari / .bash_logout
home / yamasita / yasunari / .bashrc
home / yamasita / yasunari / .bash_history
tswx1:/# rm -fr /home
tswx1:/# ln -s /mnt/home/ /
tswx1: / # ls -l /
total 97
drwxr-xr-x  2 root root  4096 May  7 06:58 bin
drwxr-xr-x  3 root root  4096 May 14 23:37 boot
drwxr-xr-x  5 root root 36864 Jun  2 2010 dev
drwxr-xr-x 52 root root  4096 Jun  2 2010 etc
lrwxrwxrwx  1 root root    10 Jun  1 22:56 home -> /mnt/home/
drwxr-xr-x 19 root root  1024 Mar  7 23:30 initrd
drwxr-xr-x 10 root root 12288 May 30 23:33 lib
drwxr-xr-x  2 root root  4096 Mar  6 23:34 media
drwxr-xr-x  4 root root    30 Jun  1 22:56 mnt
drwxr-xr-x  2 root root  4096 Mar  6 23:34 opt
dr-xr-xr-x 60 root root    0 Jan  1 1970 proc
drwxr-xr-x  2 root root  4096 Apr 10 19:11 root
drwxr-xr-x  2 root root  4096 May 15 06:17 sbin
drwxr-xr-x  2 root root  4096 Sep 16 2008 selinux
drwxr-xr-x  2 root root  4096 Mar  6 23:34 srv
drwxr-xr-x 10 root root    0 Jan  1 1970 sys
drwxrwxrwt  2 root root  4096 Jun  2 2010 tmp
drwxr-xr-x 10 root root  4096 Mar  6 23:34 usr
drwxr-xr-x 14 root root  4096 May 30 23:33 var
odx1: / #

```

Next, create / home / httpd / {html, cgi-bin}

```

tswx1:/# mkdir -p /home/httpd/html
tswx1:/# mkdir -p /home/httpd/cgi-bin
odx1: / #

```

# restart apache

---

Start with the new settings.

```
tswxl:/etc/apache2# /etc/init.d/apache2 restart
Restarting web server: apache2 ... waiting ..
tswxl:/etc/apache2#
```

By the way, how much is different from Vine ...

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