

# ConfigureApacheForAwStats

## Configure Apache for AWStats

In this HowTo guide we will attempt to show you how to set up apache ready for AWStats, using a <VirtualHost> stanza.

VirtualHosts are used in Apache when you want to host multiple websites on one server instance/installation.

VirtualHosts are highly configurable, as you will see below.

**When deploying VirtualHosts you need to have the following commands in your main server config before VirtualHosts will work :**

```
Listen 80                                #This will make Apache listen on port 80 for incoming connections

NameVirtualHost *:80                    #This tells Apache that we will be using named VirtualHosts, and to listen
on all IP interfaces, on port 80
```

**Below is an example awstats <VirtualHost> configuration :**

```

<VirtualHost *:80>
  ServerName stats.mydomain.com
  DocumentRoot /usr/local/awstats/wwwroot
  CustomLog /var/log/stats.mydomain.com_accesslog combined
  ErrorLog /var/log/stats.mydomain.com_errorlog

  ## Directives to allow use of AWStats as a CGI

  Alias /awstatsclasses "/usr/local/awstats/wwwroot/classes/"
  Alias /awstatscss "/usr/local/awstats/wwwroot/css/"
  Alias /awstatsicons "/usr/local/awstats/wwwroot/icon/"
  ScriptAlias /awstats/ "/usr/local/awstats/cgi-bin/"

  ## This is to permit URL access to scripts/files in AWStats directory.

<Directory "/usr/local/awstats/wwwroot">
  Options None
  AllowOverride None
  Order allow,deny
  Allow from all
</Directory>

  ## This is to allow access to the cgi-bin folder

<Directory "/usr/local/awstats/cgi-bin">
  Order allow,deny
  Allow from all
</Directory>

  ## This is to force authentication when trying to access /awstats
  ## Using flat-file authentication.

<Location /awstats>
  AuthType Basic
  AuthName "AWStats Admin Access Required"
  AuthUserFile /home/awstats.passwd
  require valid-user
</Location>

  ## This is to force authentication when trying to access /awstats
  ## Using LDAP Authentication
  ## This is currently commented out (so will not work)

#<Location /awstats>
# AuthType Basic
# AuthName "AWStats Admin Access Required"
# AuthBasicProvider ldap
# AuthzLDAPAuthoritative OFF
# AuthLDAPBindDN cn=apacheldap,dc=yourdomain,dc=com
# AuthLDAPBindPassword apacheldap_password
# AuthLDAPURL ldap://localhost/dc=yourdomain,dc=com?cn?sub
#</Location>

</VirtualHost>

```

This VirtualHost contains lots of options, and directives. Your VirtualHosts don't have to be this complicated at all. This is merely an example of what you can put into a VirtualHost.