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.