Configuring Experience Manager Dispatcher

Web-server module mainly used for caching and load-balancing.

Can be configured based on the text-based configuration file.

This file contains simple pattern-based filter rules for access control.

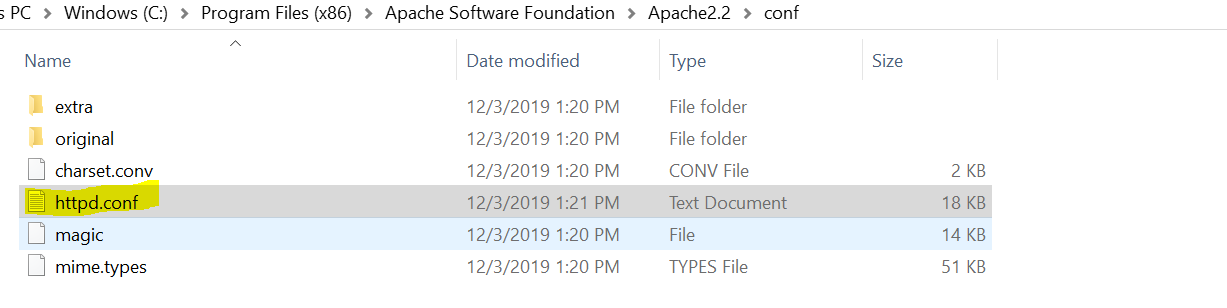
**Installing Apache Web Server**

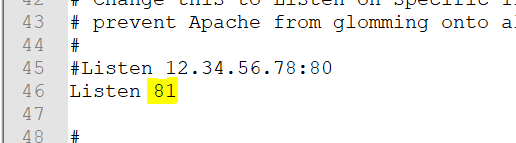
* Go to the following URL and search for “httpd-2.2.22-win32-x86-no\_ssl.msi”.

[https://archive.apache.org/dist/httpd/binaries/win32/](https://www.youtube.com/redirect?event=comments&stzid=UgzuaCoibKh0FtUBMOp4AaABAg.8dXVdYSlVK28def0fmsg8g&redir_token=6j5n9mn88wOVv673Vk7elaKv8W98MTU3NTQ0NjQyOUAxNTc1MzYwMDI5&q=https%3A%2F%2Farchive.apache.org%2Fdist%2Fhttpd%2Fbinaries%2Fwin32%2F)

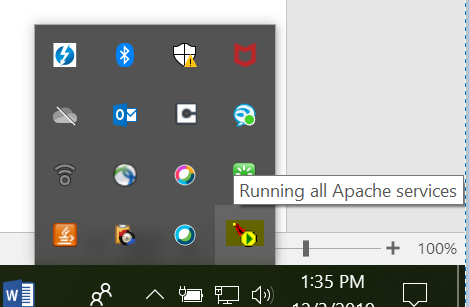
* Download the file with extension .msi (Don’t’ need to download the other files)
* Double click the msi file that was downloaded to start the installation.
* You might see an error stating the port 80 is already in use. To resolve this, go to the installation directory and change the port value to 81 in httpd.conf file(port number can be changed) and start the server again.

C:\Program Files (x86)\Apache Software Foundation\Apache2.2\conf

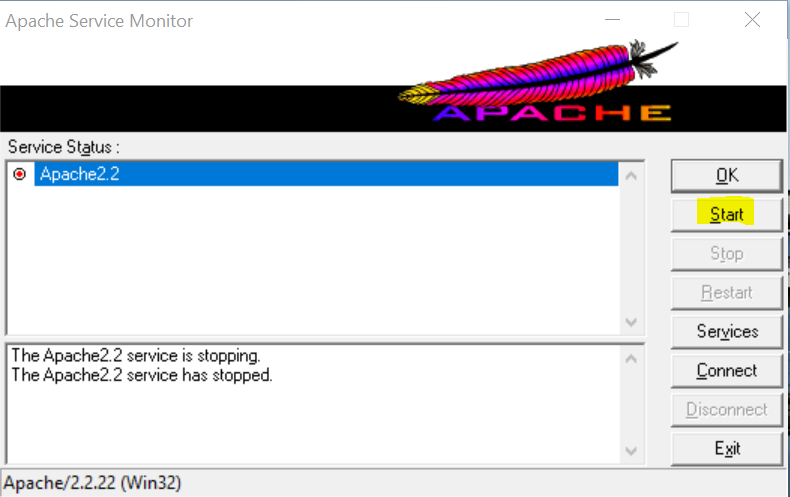




To start the server after changing the port number, go to toolbar and click on the apache server icon that will already be there post apache server installation.



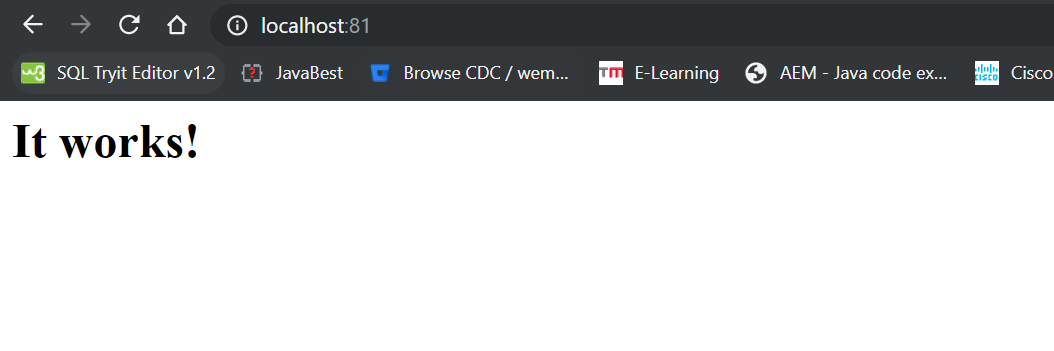
Click on the start button to start the server.



To check if the server is up and running, we can go to the following URL and verify.

<http://localhost:81/>

If the server is up and running, we see the screen like mentioned below else the blank screen.



**Note:** We are accessing the web server on port number 81, as we have changed the port number to resolve the conflict issue.

\*\*\* IIS server will be running on port number 80 by default.

**Configure Dispatcher on Apache**

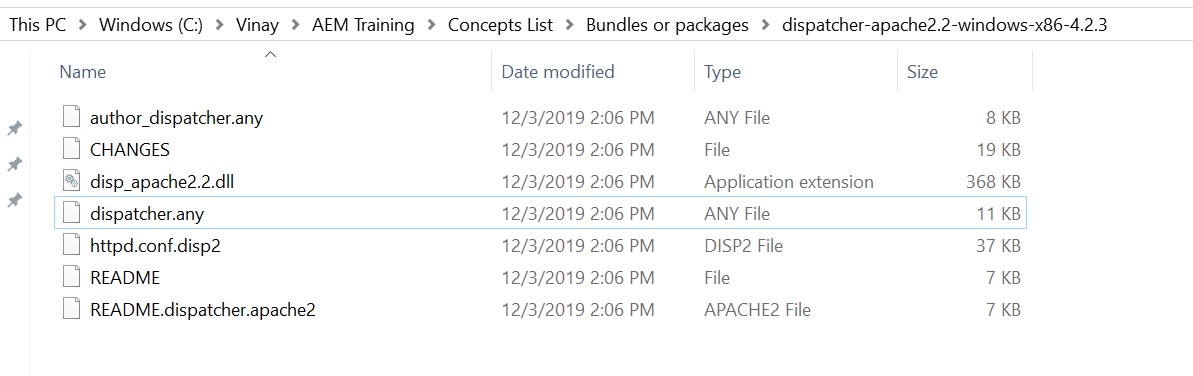
1. Download and Extract Dispatcher Build
2. Modify Apache’s httpd.conf
3. Modify dispatcher.any
4. Restart Apache

* **Download and Extract Dispatcher Build**
  + Go to the following URL and download the required dispatcher build

<https://www.adobeaemcloud.com/content/companies/public/adobe/dispatcher/dispatcher.html>



* + Extract the file after downloading, where we see the list of sample files.



**Disp\_apache2.2.dll** – It is the dispatcher module file, which will be plugged into the apache web server

**dispatcher**.**any –** This is the dispatcher configuration file.

**http**.**conf.disp2 –** Sample configuration file which allows us to configure the apache server.