

OMS Server Upgrade

- ✚ Need to take the backup for below file before upgrade (copy these files in /opt/apps location)

Plugin-cfg.xml (/opt/apps/IBM/HTTPServer/Plugins/config/webserver1/plugin-cfg.xml)

httpd.conf (/opt/apps/IBM/HTTPServer/conf)

- ✚ Need to take the IBM backup for OMS Web servers
- ✚ Need to check the DISK space. Disk space should be less.
- ✚ Need to stop the server before upgrade.
- ✚ Need to check SSH connectivity between OMS WEB and 30 build server.
- ✚ Need to remove HTTPServer folder before upgrade.

Build server

Script name : Env_IHS.sh

Location : /opt/apps/Build_scripts/soft

Before run this script we need to update server details which are going to upgrade in below location

Location : /opt/apps/Build_scripts/soft/ENV

File Name : Prod_OMS_ihs.txt

Need to run Env_IHS.sh script for below format

./Env_IHS.sh Prod_OMS

Need to replace the backup file below two files after upgrade

1. Plugin-cfg.xml
2. httpd.conf

After replace need to do below changes in httpd.conf file

- ✚ Need to update mod_was_ap22_http.so file location in httpd.conf file.

After upgrade location will change for mod_was_ap22_http.so file

Example :

```
LoadModule was_ap22_module /opt/apps/IBM/HTTPServer/Plugins/bin/32bits/mod_was_ap22_http.so
```

- ✚ After that we need to create webserver1 (webserver2, webserver3, webserver4) folder in below location

/opt/apps/IBM/HTTPServer/Plugins/config/

1. We need to remove web servers in IBM console.
2. After that we need to add new webserver.
3. Need to give below user name and password during new webserver creation in IBM console.

User Name : httpwcsadmin

Pwd : httpwcsadmin123

4. Need to run below command in webserver

Execute the below command in ../HTTPServer/bin

./htpasswd -b /opt/apps/IBM/HTTPServer/conf/admin.passwd httpwcsadmin

httpwcsadmin123

5. After add the webserver need to generate plugin & propagate plugin for web server in IBM console.

It will generate 3 files.

Plugin-cfg.xml file in same web server. Remaining two files in corresponding app server.

File names:

1. plugin-key.kdb
2. plugin-key.sth

We need to SCP above files in web server

location : /opt/apps/IBM/HTTPServer/Plugins/config/webserver1

```
WebSpherePluginConfig /opt/apps/IBM/HTTPServer/Plugins/config/webserver1/plugin-cfg.xml
```

- ✚ Need to renew the SSL certificate for all web servers.

Finally we will start the admin, apache in web servers.