

ALL TASKS ENVIRONMENT TEAM USED TO GET VIA JIRA AND MAILS

1. PREPARING AN ENVIRONMENT FOR UPCOMING RELEASE BY COPYING PRODUCTION DATA TO NON PROD ENVIRONMENTS
2. SERVER RESTART
3. PATCHES THROUGH CONSOLE
4. TRACE ENABLE
5. USER CREATION
6. SSL CERTIFICATES INSTALLATION
7. WCS BUILD AND DEPLOYMENT
8. OMS BUILD AND DEPLOYMENT
9. CTO BUILD AND DEPLOYMENT
10. VM BUILD AND DEPLOYMENT
11. CREATING NEW BUILD & DEPLOY JOB IN JENKINS
12. TO CHANGE BEAN SERVICE URL IN WESB CONSOLE
13. CONFIGURE WESB URL IN WCS
14. TO CHANGE CTO AND VM URL
15. AKAMAI CACHE CLEAR
16. TO CHANGE VERSION OF UPDATE/WCUPDATE INSTALLER
17. WAS VERSION UPGRADATION
18. QUEUE CREATION IN OMS SERVERS
19. STEPS INSTALL FIX PACK IN CTO BUILD SERVER
20. INDEXING THROUGH CONSOLE AND BACKEND
21. STAG PROP and INDEX PROP
22. NMON TOOL FOR PERFORMANCE TEST
23. SCHEDULERS THROUGH ADMIN CONSOLE
24. Wcsadmin (ADMIN CONSOLE) PASSWORD RESETTING
25. APAR INSTALLATION & UNINSTALLATION

- [28. SEARCH SETUP](#)
- [29. RUN INVENTORY UPDATE QUERY](#)
- [30. CLEAR ALERTS in OMS END \(UAT2 LIVE\)](#)
- [31. INCREASE TO JVM MAX HEAP SETTING](#)
- [32. TO CHANGE TAX WARE URL](#)
- [33. TO CREATE OBJECT CACHE IN WAS](#)
- [34. COLLECT THREAD COUNTS/MPM stats](#)
- [35. CREATE PUNCHOUT USER LOGIN IN OMS FROM STERLING AGENT SERVER](#)
- [36. PATCH CLASS FILE INSIDE JAR \(EG.XYZ.JAR\)](#)
- [37. REFRESH AND UPDATE THE COMMAND REGISTRY](#)
- [38. ALL URLs SHOULD RUN IN HTTPS in OMS \(taking UAT2 OMS as eg\)](#)
- [39. ENABLE CACHE TO CACHE MONITOR APPLICATION](#)
- [40. SSL CERTIFICATE RENEWAL IN WEBSERVERS](#)
- [41. KEY SHARING BETWEEN SERVERS TO GET SSH CONNECTION](#)
- [42. HPSM TICKET CREATION](#)
- [43. OMS PASSWORD CHANGE IN WESB CONSOLE](#)
- [44. WEBCONTRAINER THREAD COUNT CHANGE IN IBM CONSOLE](#)
- [45. FINDING UNWANTED JAR FILES](#)
- [46. REMOVAL OF OLD CLASS FILES, IF PRESENT ANY](#)
- [47. ADDING CA CERTIFICATE TOTRUST STORE](#)
- [48. DB RELATED TASKS](#)
- [49. IMAGE PUSH FROM PROD TO ITG WEB SERVERS](#)
- [50. DLP JOBS](#)

1) PREPARING AN ENVIRONMENT FOR UPCOMING RELEASE BY COPYING PRODUCTION DATA TO NON PROD(QA/PERF) ENVIRONMENTS

Environment	System	Activities	Owner	Remarks
Hot Fix Live	WCS	PROD Live DB Export	DBA	Ask DBA team to exclude list of tables while taking Export.
		DB Import from PROD Live - Hot Fix Live	DBA	Ask DBA to take backup of exclude table List then start import with prod backup. Then import this exclude table list backup.
		Validate DB import/storeconf,srchconf /srchconfext	Build Team	Compare both DB's and make sure data is in sync by using given command here and mentioned 3 tables should not have prod live host names
		Code deployment- from Trunk	Build Team	Latest Prod Package
		Admin console changes WESB/CTO/VM	Build Team	
		Full Index	Build Team/Dev Team	
Hot Fix STG	WCS	Stage Copy from Hot Fix live to Hot Fix STG	Build Team	Copies specific tables and triggers
		Truncate Stag log as all the data Exist is dummy	Build Team	TRUNCATE TABLE STAGLOG;
		Full indexing	Build Team	
		Restart All App and Solr Servers	Build Team	
		Code deployment- from Trunk		Latest Prod Package
		Stage Propagation	Build Team	post QA handover(or) QA data setup
Hot Fix STG	VM	Model Import	DEV Team	
		Model Compilation	DEV Team	
		Hot fix LIVE and STG store validation	Dev Team/Build Team	

Hot fix Live and STG		Execute latest release notes pre and post deployment steps	Build Team	Patches alone can be taken.
Hot Fix Live/STG		Handover to QA	Build Team	

Exclude table list:



ExcludeTables_prod-datacopy.txt

Query to compare 2 DB's:

Select

```

table_name,
to_number(
extractvalue(
xmltype(
dbms_xmlgen.getxml('select count(*) c from '||table_name))
,'/ROWSET/ROW/C')) count
from
user_tables
ORDER BY
table_name;
```

Staging copy document:



stgecopy
document.docx

2. SERVER RESTART

a. For WCS,WESB,CTO,VM – Restart through console

- Login to ibm console (e.g. <https://c0005687.itcs.hp.com:9043/ibm/console>)
- click on server types ->WebSphere application servers
- select all running servers click on stop once all servers showing red mark

Select	Name	Node	Host Name	Version	Cluster Name	Status
<input checked="" type="checkbox"/>	server1	c0005687_node	c0005687.itcs.hp.com	ND 7.0.0.37	CommerceCluster	green
<input type="checkbox"/>	server1	C0048663_node	c0048663.itcs.hp.com	ND 7.0.0.37	CommerceCluster	red
<input type="checkbox"/>	server1	C0039972_node	c0039972.itcs.hp.com	ND 7.0.0.37	CommerceCluster	red
<input type="checkbox"/>	solrServer	c0005692-search-node	c0005692.itcs.hp.com	ND 7.0.0.37	SolrCluster	yellow
<input type="checkbox"/>	solrServer	c0005672-search-node	c0005672.itcs.hp.com	ND 7.0.0.37	SolrCluster	green

- select all servers click on start
- during start check SystemOut.log in server for errors
- If servers restarted successfully it should show green

For clean restart of WCS/WESB/CTO/VIM – restart server1, Node Agent and DMGR.

b. OMS- Restart through backend

1. Login into the server
2. Go to the path /opt/apps/IBM/WebSphere85/AppServer/profiles/AppSrv01/bin
3. Execute ./stopServer.sh server1 <server name>
4. Once server stopped successfully execute ./startServer.sh <server name>

To Restart Agent servers

1. Login to agent servers
2. Go to the path /opt/apps/IBM/scripts
3. Execute ./startAgents.sh stop <parameter as stop> to stop all agents
4. Once all agents stopped successfully execute, ./startAgents.sh

To restart particular agent

1. Login to agent server
2. Enter ps -ef|grep <agemt name>
3. Kill the process
4. Go to the path /opt/apps/IBM/scripts
5. Execute startAgents.sh <agent name>

To restart webserver

1. Issue ps -ef|grep httpd to check status of server
2. Execute below to stop


```
sudo /opt/apps/IBM/HTTPServer/bin/apachectl stop
sudo /opt/apps/IBM/HTTPServer/bin/adminctl stop
```
3. Execute below to start


```
sudo /opt/apps/IBM/HTTPServer/bin/adminctl start
sudo /opt/apps/IBM/HTTPServer/bin/apachectl start
```

3. PATCHES THROUGH CONSOLE (utmost care has to be taken)

Get Stores.war (zip or tar) format file from DEV, then patch directly through console for app servers. The folder structure should be Stores.war.zip->Stores.war->..... (Same as server path)

1. Login to IBM WCS console
2. Click on Applications->WebSphere Appserver Applications

Name	Application Status
DefaultApplication	Green
Dynamic Cache Monitor	Green
PinPoint war	Green
Solr WCInstance	Green
WC_WCInstance	Green
cacheclear	Green
lvtApp	Green
query	Green

3. Select application name <e.g. WCINstance/ETRLIVE/ETRSTAGE>
4. Click on Update

5. Select Replace add or delete multiple files

6. Browse and select the Store.war.zip file

7. Click on Next

8. Click on Review

9 .Enable Synchronize changes check box

Help

Field help
For field
select a I
marker v
cursor is

[Page help](#)
[More info](#)
[Page](#)

10. Click on Save then application will automatically restart till then wait.

4. TRACE ENABLE:

- a. Need to login to IBM console and go through: Troubleshooting→Logs and trace→server→Diagnostic trace service→configuration or runtime→Change Log Detail Levels

Cell=g4t5288Cell01, Profile=Dmgr01

Logging and Tracing

[Logging and Tracing > server1 > Change log detail levels](#)

Use log levels to control which events are processed by Java logging. Click Components to specify a log detail level for individual components, or click Groups to specify a log detail level for a predefined group of components. Click a component or group name to select a log detail level. Log detail levels are cumulative; a level near the top of the list includes all the subsequent levels.

Configuration **Runtime**

General Properties

Save runtime changes to configuration as well

Change Log Detail Levels

Components Groups	*=info
-----------------------------	--------

5. USER CREATION

User creation can be done through orgadmin console

1. Login to orgadmin console through URL

<https://glbecomtran-wcsweb-dev7.glb.itcs.hp.com:8004/orgadminconsole>

Organization Administration Console Logon

Provide the logon information below, and then click **Log On**. You can also change your logon password from this page by selecting **Change password**.

User name Password

Language

Change password

2. Provide username and password

The Organization Administration Console is your starting point and "home state" for administering your organization. For more information about the Organization Administration Console, roles, and functionality, click [here](#) or the **Help** link at the top of this page.

Access Management	Approvals
<p>Use this menu to manage your organization. Highlights include:</p> <ul style="list-style-type: none">❖ Create users for the organization❖ (Enterprise) Manage the overall organization❖ Assign roles, role assignment permissions, member groups, access policies, and resource groups to users	<p>Use this menu to administer approvals for your organization. Highlights include:</p> <ul style="list-style-type: none">❖ Search for and viewing approvals❖ Manage approval requests

3. Click on Access management -> Create User

Details

Logon ID (required)

Title

First name

Middle name

Last name (required)

Password (required) Password confirmation (required)

Account policy

Account status

Business Profile

4. Enter logonid(all should in small letters) ,first name and last name

5. Enter the password

Preferred language

Parent organization (required) Search for organizations
Match case, beginning with

Asset Store Organization (Extended Sites Organization)
Base Contracts Account Organization (Root Organization)
Extended Sites Hub Organization (Extended Sites Organization)
Extended Sites Organization (Root Organization)

Address

Street address (required)

City (required)

State/Province (required)

ZIP/Postal code (required)

Country/Region (required)

6. Select preferred language as US English

7. Parent Organization as HP USAPushstore

8. Give Street address as 950W Maude Avenue

City - Sunnyvale

State - California

Zip code - 96048

Country - US

9. Click on ok

Number of items: 1					Page Number 1 Go
Logon ID	Last name	First name	Organization	Role	
nethra	K		HP USAhpusstore	Site Administrator	Find New Change Roles Member Groups Partner Sites Assign Customers

10. Select the name and Click on Roles

Roles

To add a role, select an organization and a role for the user, and then click **Add**. When you have added all roles, click **OK**.

Total organizations currently showing: 22

Select organization

Asset Store Organization (Extended Sites Organization)
Base Contracts Account Organization (Root Organization)
Extended Sites Hub Organization (Extended Sites Organization)
Extended Sites Organization (Root Organization)

Search for organizations
Match case, beginning with ▾

Find Organization

Role

No roles available ▾

Add

Selected roles

Site Administrator - Root Organization (Root Organization)

Remove

12. Select Organization as root organization and Role as Site administrator (Role can be vary)

14. Click on add

15. Click on ok

6. SSL CERTIFICATES INSTALLATION:

1. Need to login to IBM console and go through: Security→SSL certificate and key Management→Key stores and certificates→Cell default Trust store→Signer certificates→Add (if it is new certificate).

	webservice1	webservice1.	(node):c0042689.itcs.hp.com-node:(server):webservice1	/c005687Cell01/nodes/c0042689.itcs.hp.com-node/servers/webservice1/plugin-key.kdb
<input type="checkbox"/>	CMSKeyStore	CMSKeyStore for web server solrWebserver.	(cell):c0005687Cell01:(node):C0039976.itcs.hp.com-node:(server):solrWebserver	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/C0039976.itcs.hp.com-node/servers/solrWebserver/plugin-key.kdb
<input type="checkbox"/>	CellDefaultKeyStore	Default key store for c0005687Cell01	(cell):c0005687Cell01	`\${CONFIG_ROOT}/cells/c0005687Cell01/key.p12
<input type="checkbox"/>	CellDefaultTrustStore	Default trust store for c0005687Cell01	(cell):c0005687Cell01	`\${CONFIG_ROOT}/cells/c0005687Cell01/trust.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for c0005687_node	(cell):c0005687Cell01:(node):c0005687_node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/c0005687_node/key.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for C0048663_node	(cell):c0005687Cell01:(node):C0048663_node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/C0048663_node/key.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for C0039972_node	(cell):c0005687Cell01:(node):C0039972_node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/C0039972_node/key.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for c0005672-search-node	(cell):c0005687Cell01:(node):c0005672-search-node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/c0005672-search-node/key.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for c0005692-search-node	(cell):c0005687Cell01:(node):c0005692-search-node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/c0005692-search-node/key.p12
<input type="checkbox"/>	NodeDefaultTrustStore	Default trust store for c0005687_node	(cell):c0005687Cell01:(node):c0005687_node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/c0005687_node/trust.p12
<input type="checkbox"/>	NodeDefaultTrustStore	Default trust store for C0048663_node	(cell):c0005687Cell01:(node):C0048663_node	`\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/C0048663_node/trust.p12

2. Need to do the same for all nodes also: Security→SSL certificate and key Management→Key stores and certificates→Node default Trust store→Signer certificates→Add (if it is new certificate).

[SSL certificate and key management](#) > [Key stores and certificates](#) > [NodeDefaultTrustStore](#)

Defines keystore types, including cryptography, RACF(R), CMS, Java(TM), and all truststore types.

General Properties		Additional Properties
Name	<input type="text" value="NodeDefaultTrustStore"/>	Signer certificates
Description	<input type="text" value="Default trust store for c0005687_node"/>	Personal certificates
Management scope	<input type="text" value="(cell):c0005687Cell01:(node):c0005687_node"/>	Personal certificate requests
Path	<input type="text" value="\${CONFIG_ROOT}/cells/c0005687Cell01/nodes/c0005687_node/trust.p12"/>	Custom properties
* Password	<input type="password"/>	
Type	<input type="button" value="PKCS12"/>	
<input type="checkbox"/> Remotely managed Host list		

[SSL certificate and key management](#) > [Key stores and certificates](#) > [NodeDefaultTrustStore](#) > [Signer certificates](#)

Manages signer certificates in key stores.

[Preferences](#)

Add Delete Extract Retrieve from port					
Select	Alias ▾	Issued to ▾	Fingerprint (SHA Digest) ▾	Expiration ▾	
You can administer the following resources:					
<input type="checkbox"/>	bml	CN=*.securecheckout.billmelater.com, OU=Internet Operations, O=PayPal Inc., L=Timonium, ST=MD, C=US	A7:72:EC:9E:CA:BB:7D:EA:10:0C:23:AF:6E:3F:5F:91:20:AD:CA:E3	Valid from Feb 4, 2016 to Feb 4, 2017.	
<input type="checkbox"/>	datapower	OU=Root CA, O="DataPower Technology, Inc.", C=US	A9:BA:A4:B5:BC:26:2F:5D:2A:80:93:CA:BA:F4:31:05:F2:54:14:17	Valid from Jun 11, 2003 to Jun 6, 2023.	
<input type="checkbox"/>	default	CN=c0005687.itcs.hp.com, OU=Root Certificate, OU=c0005687Cell01, OU=c0005687-dm, O=IBM, C=US	B8:0E:9A:BF:53:0E:F0:CF:EF:86:BC:BB:4B:43:E5:E2:E4:2F:DD:FB	Valid from Dec 31, 2015 to Dec 27, 2030.	
<input type="checkbox"/>	header-footer	CN=www8-itg.houston.hp.com, OU=ATIS, O=HP Inc, L=Palo Alto, ST=California, C=US	85:14:4C:33:2E:5C:5A:D8:C0:37:4C:DA:64:F0:F3:3C:51:06:16:08	Valid from Oct 5, 2016 to Oct 6, 2017.	
<input type="checkbox"/>	headerfooter	CN=ssl.www8.hp.com, OU=Operations, O=Hewlett-Packard Company, L=Palo Alto, ST=CA, C=US	C9:BA:B9:F2:ED:B0:22:40:C7:1E:FB:3F:09:6F:DB:31:BF:15:58:18	Valid from Sep 8, 2015 to Sep 8, 2016.	
<input type="checkbox"/>	ho-caas	CN=ssl.www8.hp.com, OU=Operations,	C9:BA:B9:F2:ED:B0:22:40:C7:1E:FB:3F:09:6F:DB:31:BF:15:58:18	Valid from	

[SSL certificate and key management](#) > [Key stores and certificates](#) > [NodeDefaultTrustStore](#) > [Signer certificates](#) > [Add signer certificate](#)

Adds a signer certificate to a key store.

[General Properties](#)

[Alias](#)

[File name](#)

[Data type](#)

[Apply](#)

[OK](#)

[Reset](#)

[Cancel](#)

3. In alias field enter certificate name
4. In file name enter certificate name with full path ,where you have stored the certificate in the server (e.g /tmp/certificate name>

For PayPal (Need to do the same for node and cell): Security → SSL certificate and key Management → Key stores and certificates → Cell Default Key Store → Personal Certificates → Click import > select key store file > mention the certificate name with location path > select Types as PKCS 12 > key file password as “testingbusiness”.

7 .WCS BUILD AND DEPLOYMENT

CASE 1: FRESH BUILD AND DEPLOYMENT IN DEV7 (lower environment)

1. To do fresh build and deployment in lower environment like dev7, first need to do build.
2. For doing build, open Jenkins → Build Jobs → ETR_AMS7.0(if it is related to branch).

The screenshot shows the Jenkins web interface. On the left, there is a sidebar with various links: New Item, People, Build History, Edit View, Credentials, My Views, Disk usage, and Job Config History. The main content area has a header with tabs: Build Jobs (which is selected), Deploy Jobs, Sonar Build Jobs, Utilities, and a plus sign. Below the tabs is a table with columns: S, W, Name (sorted by name), Last Success, Last Failure, and Last Duration. There are three rows in the table:

- ETR_AMS5.0 - Last Success: 2 days 22 hr - #58, Last Failure: 16 days - #31, Last Duration: 12 min.
- HP EXTRACT AND BUILD-TRUNK - Last Success: 1 mo 14 days - #282, Last Failure: 1 mo 26 days - #276, Last Duration: 14 min.
- HP EXTRACT AND BUILD-TRUNK 2.0 - Last Success: 1 yr 5 mo - #1, Last Failure: N/A, Last Duration: 16 min.

At the bottom of the table, there is a legend and links for RSS feeds: RSS for all, RSS for failures, and RSS for just latest builds. Below the table, there are two sections: "Build Queue" (No builds in the queue) and "Build Executor Status" (1 Idle). The top right corner of the main content area has a "ENABLE AUTO REFRESH" link and a "add description" button.

3. Then select “Build Now” from the left side list.

4. For doing deployment (go to Jenkins → Deploy Jobs → Deploy DEV-7 code deployment to DMGR).

S	W	Name	Last Success	Last Failure	Last Duration
		Deploy DEV-7 - Node Sync and custom ear deployments	2 days 21 hr - #27	6 days 2 hr - #20	9 min 7 sec
		Deploy DEV-7 code deployment to DMGR	2 days 22 hr - #36	2 mo 2 days - #13	7 min 43 sec
		Deploy DEV-7 Static assets .solr and DLP files	2 days 20 hr - #13	2 mo 10 days - #1	10 min
		Deploy DEV6	21 days - #564	21 days - #563	32 min
		Deploy DEV7	5 days 11 hr - #293	11 days - #283	9 min 14 sec
		Deploy LatestDEV13	16 days - #3	N/A	1 min 24 sec

5. Then select “Build Now” from the left side list.

Jenkins | c0004972.itcs.hp.com:8080/jenkins/view/Deploy%20Jobs/job/Deploy%20DEV-7%20code%20deployment%20to%20DMGR/ | Search | log out

Project Deploy DEV-7 code deployment to DMGR

[Back to Dashboard](#) [Status](#) [Changes](#) [Workspace](#) [Build Now](#) [Configure](#) [Copy Project](#) [Favorite](#) [Email Template Testing](#) [Job Config History](#)

[Add description](#) [Disable Project](#)

Project disk usage information + trend graph

Disk Usage: Workspace 4096, Builds {all=1849146, locked=0}, Job directory 1870446

[Workspace](#) [Recent Changes](#)

Permalinks

- [Last build \(#36\), 3 days 17 hr ago](#)
- [Last stable build \(#36\), 3 days 17 hr ago](#)
- [Last successful build \(#36\), 3 days 17 hr ago](#)
- [Last failed build \(#13\), 2 mo 3 days ago](#)
- [Last unsuccessful build \(#22\), 25 days ago](#)

Build History [trend](#)

#	Date	Size
#36	May 20, 2016 12:55:13 PM	114 KB
#35	May 20, 2016 8:19:40 AM	114 KB
	May 20, 2016 7:19:48 AM	114 KB

6. Then go to ([Jenkins](#)→[Deploy Jobs](#)→[Project Deploy DEV-7 - Node Sync and custom ear deployments](#)).
7. Then click on “[Build Now](#)” from the left side list

Jenkins | Deploy Jobs | Deploy DEV-7 - Node Sync and custom ear deployments |

Project Deploy DEV-7 - Node Sync and custom ear deployments

[Back to Dashboard](#) [Status](#) [Changes](#) [Workspace](#) [Build Now](#) [Configure](#) [Copy Project](#) [Favorite](#) [Email Template Testing](#) [Job Config History](#)

Project disk usage information + trend graph

Disk Usage: Workspace 4096, Builds {all=476269, loc=}

[Workspace](#) [Recent Changes](#)

Permalinks

- [Last build \(#27\), 3 days 16 hr ago](#)
- [Last stable build \(#27\), 3 days 16 hr ago](#)
- [Last successful build \(#27\), 3 days 16 hr ago](#)
- [Last failed build \(#20\), 6 days 22 hr ago](#)
- [Last unsuccessful build \(#20\), 6 days 22 hr ago](#)

Build History [trend](#)

#	Date	Size
#27	May 20, 2016 2:01:52 PM	23 KB
#26	May 20, 2016 9:30:34 AM	23 KB
#25	May 20, 2016 7:27:42 AM	24 KB
#24	May 19, 2016 2:16:37 PM	24 KB
#23	May 19, 2016 5:38:18 AM	23 KB

8. Then go to (Jenkins → Deploy Jobs → Project Deploy DEV-7 → Deploy DEV-7 Static assets ,solr and DLP files)

Project Deploy DEV-7 Static assets ,solr and DLP files

- Workspace
- Recent Changes

Permalinks

- Last build (#13), 3 days 16 hr ago
- Last stable build (#13), 3 days 16 hr ago
- Last successful build (#13), 3 days 16 hr ago
- Last failed build (#1), 2 mo 10 days ago
- Last unsuccessful build (#1), 2 mo 10 days ago

Build History	trend
#13 May 20, 2016 2:12:26 PM	32 KB

9. Then click on “Build Now” from the left side list.

CASE 2: DEPLOYMENT OF EXISTING PACKAGE

1. Go to Jenkins → utilities → setbuildnumber

Project set build number

This build requires parameters:

BUILD_NAME

Build

Build History	trend
#440 May 20, 2016 7:12:12 AM	5 KB
#439 May 6, 2016 12:03:19 PM	6 KB
#438 May 2, 2016 8:37:26 AM	5 KB
#437 Apr 25, 2016 11:27:52 AM	5 KB

2. Then enter the package name, which you want to deploy (ex: wcs_b_r58352_21Apr2016_RAMS5.0_3).

3. Then need to do the 3 steps as mentioned above, which are:

1. Deploy DEV-7 code deployment to DMGR).
2. Node Sync and custom ear deployments
3. Deploy DEV-7 Static assets ,Solr and DLP files

CASE 3: DEPLOYMENT IN HIGHER ENVIRONMENT (EX: HOTFIX, UAT2 on 6107 server)

1. Go to Utilities→Set Build Number→build with parameters
2. Give the corresponding package to deploy(ex: wcs_b_r59206_20May2016_RAMS5.0_58)
3. Then click on build.

#	Date	Time
#1154	May 23, 2016	10:07:07 AM
#1153	May 20, 2016	2:34:24 PM
#1152	May 20, 2016	2:04:29 PM
#1151	May 20, 2016	9:59:21 AM
#1150	May 19, 2016	3:29:29 PM
#1149	May 19, 2016	2:50:59 PM
#1148	May 18, 2016	9:24:32 AM
#1147	May 17, 2016	3:42:42 PM
#1146	May 16, 2016	3:23:24 PM
#1145	May 16, 2016	2:48:39 PM
#1144	May 13, 2016	8:26:25 PM
#1143	May 13, 2016	1:43:36 AM

4. Go to Hotfix live jobs→Project HOTFIX LIVE - Code deployment to DMGR

#	Date	Time
#9	May 23, 2016	10:08:25 AM
#8	May 20, 2016	2:04:50 PM
#7	May 20, 2016	1:07:26 PM
#6	May 20, 2016	10:04:13 AM
#5	May 19, 2016	2:51:28 PM
#4	May 18, 2016	10:43:04 AM
#3	May 18, 2016	9:43:29 AM
#2	May 18, 2016	9:42:39 AM
#1	May 18, 2016	9:28:23 AM

5. Then click on "Build Now".

6. Then go to Hotfix-live jobs→Project HOTFIX-LIVE - Node Sync and EAR deploy

7. Then click on “Build Now”.

The screenshot shows the Jenkins interface for the project "HOTFIX-LIVE - Node Sync and EAR deploy". The top navigation bar includes links for "Back to Dashboard", "Status", "Changes", "Workspace", "Build Now", "Configure", and "Job Config History". On the right, there are buttons for "Add description" and "Disable Project". The main content area displays the "Project HOTFIX-LIVE - Node Sync and EAR deploy" title and a "Build History" section showing builds #1 through #7 with their respective dates and statuses. Below the build history is a "Permalinks" section with links to the last build, stable build, successful build, failed build, and unsuccessful build. At the bottom are "RSS for all" and "RSS for failures" links.

7. Then go to Hotfix-live jobs→ Project HOTFIX-LIVE - Static assets, Solr and DLP files.

8. Then click on “Build Now”.

The screenshot shows the Jenkins interface for the project "HOTFIX-LIVE - Static assets, solr and DLP files". The layout is identical to the previous screenshot, featuring the same navigation bar, workspace icons, and build history. The build history shows builds #1 through #6, with the most recent build (#6) being successful. The "Permalinks" section at the bottom provides links to various build logs and the RSS feeds for all and failed builds.

8. OMS BUILD AND DEPLOYMENT (6109)

CASE 1: FRESH BUILD AND DEPLOYMENT IN DEV7.

1. Go to Jenkins → Svn Extract Jobs → HP AMS7.0_EXTRACT →



Jenkins ▾ > SVN Extract Jobs > [ENABLE AUTO REFRESH](#)

New Job | People | Build History | Edit View | My Views | Job Config History

Build Jobs Deploy Jobs Jobs SVN Extract Jobs +

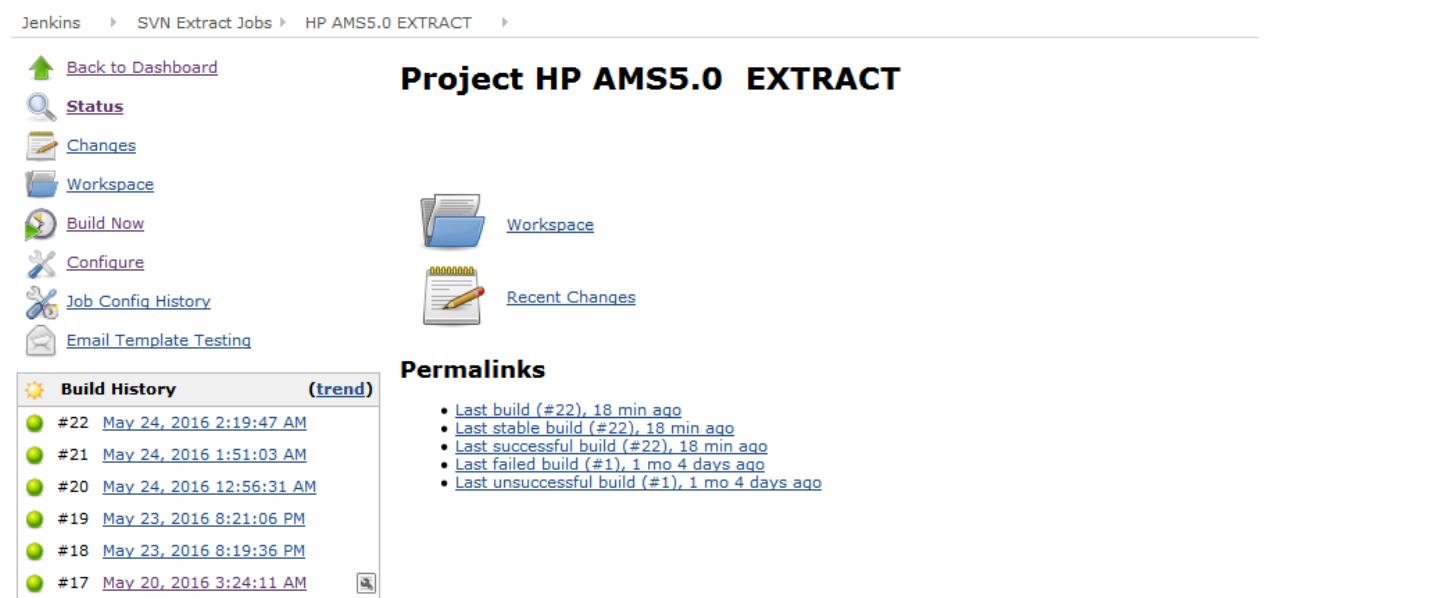
S	W	Name ↓	Last Success	Last Failure	Last Duration
		ETR TRUNK HP EXTRACT	1 mo 29 days - #69	N/A	47 sec
		HP AMS5.0_EXTRACT	3 days 4 hr - #17	1 mo 4 days - #1	1 min 3 sec

Icon: [S](#) [M](#) [L](#)

Legend: RSS for all RSS for failures RSS for just latest builds

Help us localize this page Page generated: May 23, 2016 8:14:35 AM REST API Jenkins ver. 1.519

2. Then click on "Build Now"



Jenkins > SVN Extract Jobs > HP AMS5.0_EXTRACT >

[Back to Dashboard](#) [Status](#) [Changes](#) [Workspace](#) [Build Now](#) [Configure](#) [Job Config History](#) [Email Template Testing](#)

Project HP AMS5.0 EXTRACT

[Workspace](#) [Recent Changes](#)

Permalinks

- [Last build \(#22\), 18 min ago](#)
- [Last stable build \(#22\), 18 min ago](#)
- [Last successful build \(#22\), 18 min ago](#)
- [Last failed build \(#1\), 1 mo 4 days ago](#)
- [Last unsuccessful build \(#1\), 1 mo 4 days ago](#)

Build History (trend)

#	Date
#22	May 24, 2016 2:19:47 AM
#21	May 24, 2016 1:51:03 AM
#20	May 24, 2016 12:56:31 AM
#19	May 23, 2016 8:21:06 PM
#18	May 23, 2016 8:19:36 PM
#17	May 20, 2016 3:24:11 AM

4. After completion of build take the revision number from the build logs(ex:r59143)
5. Then go to **Buildjobs--→Build to dev7**
6. Here give the revision number taken from the logs, and select the required “**ETR**” and “**LABEL**”

Jenkins > Build Jobs > Build to DEV7 >

7. Then click **build**.
8. Then take the build package name from the build logs (ex: OMS_b_r59143_20May2016_AMS5.0_DEV7_6)
9. Go to **Deploy jobs→set build number→build with parameters**
10. Give the above taken build package and click **build**.

Jenkins > Deploy Jobs > set build number >

10. Then go to **deployjobs**->**deploydev7**->**build now**

Jenkins > Deploy Jobs > Deploy DEV7 > [ENABLE AUTO REFRESH](#)

[Back to Dashboard](#)

[Status](#)

[Changes](#)

[Workspace](#)

[Build Now](#)

[Configure](#)

[Job Config History](#)

[Email Template Testing](#)

Project Deploy DEV7

[Recent Changes](#)

[Workspace](#)

Permalinks

	#10 May 20, 2016 4:30:47 AM
	#9 May 20, 2016 4:30:06 AM
	#8 May 20, 2016 4:05:19 AM
	#7 May 18, 2016 4:00:47 AM
	#6 May 18, 2016 3:13:11 AM
	#5 May 18, 2016 2:42:34 AM

CASE 2: DEPLOYMENT with existing package (HOTFIX, UAT2,DEV7)

1. Go to **Jenkins**->**Build Jobs**->**Build to Hotfix Live**
2. Give the Revision number (ex:r59143) and select corresponding "**ETR**" type and "**LABEL**" type and click **build**.

Jenkins > Build Jobs > Build to HOTFIX-LIVE > [search](#) [nagend](#)

[Back to Dashboard](#)

[Status](#)

[Changes](#)

[Workspace](#)

[Build with Parameters](#)

[Configure](#)

[Job Config History](#)

[Email Template Testing](#)

Project Build to HOTFIX-LIVE

This build requires parameters:

CUR_REVISION

ETR

label

Build

	#4 May 23, 2016 6:14:33 AM
	#3 May 20, 2016 7:45:04 AM
	#2 May 20, 2016 7:14:19 AM
	#1 May 20, 2016 6:21:56 AM

RSS for all RSS for failures

[Help us localize this page](#)

Page generated: May 23, 2016 8:50:46 AM [jenkins](#)

3. Then take the build package name from the build logs (ex: OMS_b_r59143_23May2016_AMS5.0_HOTFIX_6)
4. Go to Deploy jobs → set build number → build with parameters
5. Give the above taken build package and click build.

Jenkins > Deploy Jobs > set build number >

Project set build number

This build requires parameters:

BUILD_NAME

Build

Build History (trend)

- #3 May 20, 2016 4:05:08 AM
- #2 May 19, 2016 10:02:47 AM
- #1 May 18, 2016 3:50:48 AM

RSS for all RSS for failures

Help us localize this page Page generated: May 23, 2016 8:42:16 AM

6. Then go to Deploy Jobs → Deploy Hotfix live → Buildnow

Jenkins > Deploy Jobs > Deploy HOTFIX-LIVE > [ENABLE AUTO REFRESH](#)

Project Deploy HOTFIX-LIVE

[add description](#) [Disable Project](#)

Recent Changes

Workspace

Permalinks

- Last build (#2), 3 days 0 hr ago
- Last stable build (#2), 3 days 0 hr ago
- Last successful build (#2), 3 days 0 hr ago
- Last failed build (#1), 3 days 0 hr ago
- Last unsuccessful build (#1), 3 days 0 hr ago

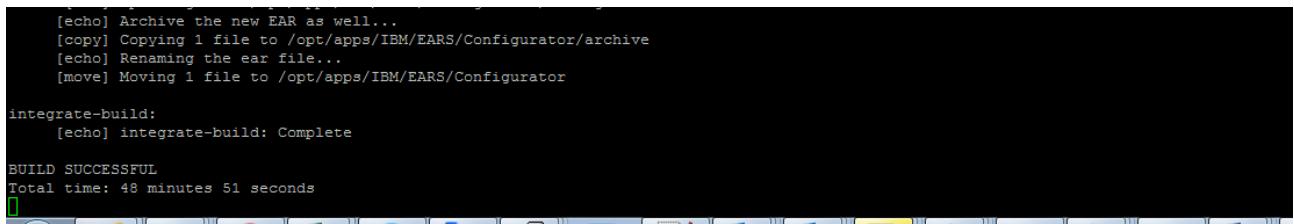
Help us localize this page Page generated: May 23, 2016 8:59:39 AM REST API Jenkins ver. 1.519

9. CTO BUILD AND DEPLOYMENT

CTO build and deployment should be done through backend

1. login to CTO build server (c0004995.itcs.hp.com)

- 2.go to path /opt/apps/IBM/scripts
- 3.open init.sh
- 4.Give svn_branch(e.g ETR_AMS3.0)and svn_tag name (If its fresh build and deployment no need to give svn_tag)
- 5.execute the script ./buildConfigurator1.sh envname (should give the env name as parameter e.g dev07)



```
[echo] Archive the new EAR as well...
[copy] Copying 1 file to /opt/apps/IBM/EARS/Configurator/archive
[echo] Renaming the ear file...
[move] Moving 1 file to /opt/apps/IBM/EARS/Configurator

integrate-build:
[echo] integrate-build: Complete

BUILD SUCCESSFUL
Total time: 48 minutes 51 seconds
```

- 6.Go to /opt/apps/IBM/logs to check status.you should see Build successfull message
7. execute ./postbuildConfigurator.sh servername (this should be done for all available CTO servers under that environment)
8. execute ./deployconfigurator1.sh envname (parameter should be envname)
9. Go to /opt/apps/IBM/logs to check status

10. VM BUILD AND DEPLOYMENT

Vim build and deployment should be done through backend

- 1.Login to CTO build server (c0004995.itcs.hp.com)
- 2.go to path /opt/apps/IBM/scripts
- 3.open init.sh and Give svn_branch(e.g ETR_AMS3.0)and svn_tag name (If its fresh build and deployment no need to give svn_tag)
- 4.Execute the script ./buildSViM.sh envname (should give the env name as parameter e.g dev07)
- 5.Go to /opt/apps/IBM/logs to check status.you should see Build successfull message
6. execute ./postBuildSViM.sh servername (this should be done for all available CTO servers under that environment)

8. execute ./deploySViM.sh envname (parameter should be envname)
9. Go to /opt/apps/IBM/logs to check status

11. CREATING NEW BUILD & DEPLOY JOB IN JENKINS



12. TO CHANGE BEAN SERVICE URL IN WESB CONSOLE

1. Login to wesb console
2. go to application ->SCA modue-> [WCToSSFSMediationModule](#) ->Imports ->OMSService Import ->Binding-> [JAX-Web service \[HPServicesBeansService/HPServicesBeansPort\]](#)
3. Enter URL under Target endpoint address

The screenshot shows the WESB console interface. On the left, there is a navigation sidebar with various links like Welcome, Guided Activities, Servers, Applications (New Application, Application Types, SCA modules), Services, Resources, Security, Environment, Integration Applications, System administration, Users and Groups, Monitoring and Tuning, Troubleshooting, Service integration, and UDDI. The main panel is titled "SCA modules > WCToSSFSMediationModule". It displays the configuration for this module, including General Properties (Module: WCToSSFSMediationModule, Application name: WCToSSFSMediationModuleApp, Version: [empty], Cell ID: [empty], Description: [empty]), SCA runtime support (SCA runtime: Version 7), and Business Object parsing mode (Eager). On the right, there are sections for Module components (Imports: WCInventoryServicesImport, SSFSAPIsImport, OMSServicesImport, SCHeartbeatImport, SSFSOrderAsyncInterfaceImport, WCPromotionServicesImport, SSFSDirectAPICallImport, CSVfileImport, WCPriceServicesImport, WCMemberServiceImport, SSFSInventoryDirectAPICallImport, SSFSItemAsyncInterfaceImport, WCOderServicesImport; Exports: [empty]) and Additional Properties (Module properties).

Note: In the URL the host name should be Sterling primary server

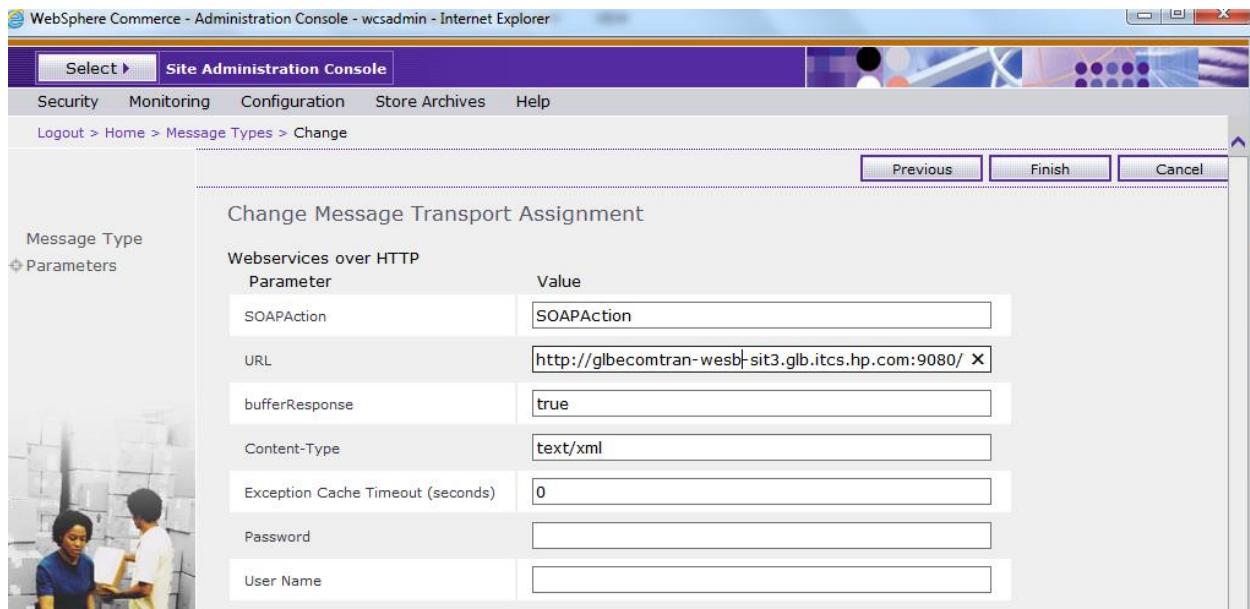
Go to admin console for all changes which was mentioned below:

13. CONFIGURE WESB URL IN WCS

Site-> Configuration->Message Types -> Message for an external order system

Change URL as below with WESB host of that environment and click finish.

<http://glbecomtran-wesb-dev7.glb.itcs.hp.com:9080/WCToSSFSMediationModuleWeb/sca/WCOrderServicesExport>



14. TO CHANGE CTO AND VM URL:

Site-> Configuration ->Transports-> Sterling

Sterling Configurator URL - <https://c0049862.itcs.hp.com/sic/configurator/configure.action> (provide CTO DMGR App server)

Sterling Selling and Fulfillment Suite User Name – admin

Sterling Selling and Fulfillment Suite Password – password

Sterling Selling and Fulfillment Suite URL -

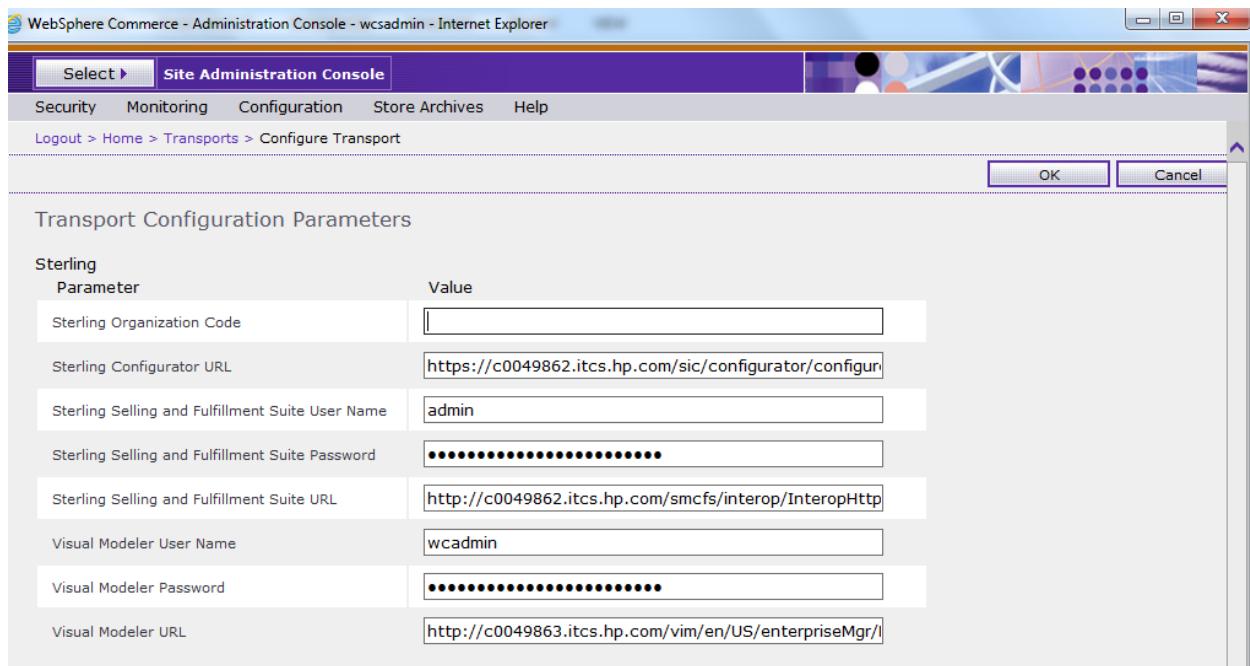
<http://c0049862.itcs.hp.com/smcts/interop/InteropHttpServlet> (provide CTO DMGR App server)

Visual Modeler User Name – wcadmin

Visual Modeler User Password – wcadmin123

Visual Modeler User URL - http://c0049863.itcs.hp.com/vim/en/US/enterpriseMgr/HP_Global_CAS

(Provide VM DMGR App server) and Click OK to save changes



2.2. Store-> US_Store->Configuration ->Transports-> Sterling

Sterling Configurator URL - <https://c0049862.itcs.hp.com/sic/configurator/configure.action> (provide CTO DMGR App server)

Sterling Selling and Fulfillment Suite User Name – admin

Sterling Selling and Fulfillment Suite Password – password

Sterling Selling and Fulfillment Suite URL -

<http://c0049862.itcs.hp.com/smcfsm/interop/InteropHttpServlet> (provide CTO DMGR App server)

Visual Modeler User Name – wcadmin

Visual Modeler User Password – wcadmin123

Visual Modeler User URL - http://c0049863.itcs.hp.com/vim/en/US/enterpriseMgr/HP_Global_CAS

(Provide VM DMGR App server) and Click OK to save changes.

WebSphere Commerce - Administration Console - wcsadmin - Internet Explorer

Select ▾ US_Store - United States English

Access Management Monitoring Configuration Help

Logout > Home > Transports > Configure Transport

OK Cancel

Transport Configuration Parameters

Sterling Parameter	Value
Sterling Organization Code	
Sterling Configurator URL	https://c0049862.itcs.hp.com/sic/configurator/configur
Sterling Selling and Fulfillment Suite User Name	admin
Sterling Selling and Fulfillment Suite Password	*****
Sterling Selling and Fulfillment Suite URL	http://c0049862.itcs.hp.com/smcfsm/interop/InteropHttp
Visual Modeler User Name	wcadmin
Visual Modeler Password	*****
Visual Modeler URL	http://c0049863.itcs.hp.com/vim/en/US/enterpriseMgr/

15. AKAMAI CACHE CLEAR

Case 1: Full cache clear

1. Login in to Akamai <https://control.akamai.com>
2. Click on Publish→Content control utility→Ion premier→Continue

HP Inc

MONITOR CONFIGURE **PUBLISH** RESOLVE PLAN

Store.hp.com

Content Control Utility

Refresh by URL | Refresh by Directory & File Extension

This utility allows you to quickly refresh the content cached in Akamai edge servers without waiting for expiration as specified in your edge server configuration. [Learn More.](#)

Content to Refresh:

URLs/ARLs entered below

Enter one URL/ARL per line.

URL and ARL entries should be full, not partial. Wildcards are not supported with the Content Control Utility. To use wildcards please refer to the Enhanced Content Control Utility by clicking the "Refresh by Directory & File Extension" link, above.

A protocol is required. It can, for example, be http://, https://, rtmp://, or mms://. Note that only the object specific to the submitted protocol will be purged. This means that you'll need to submit both URLs in order to purge an object that's served using both http:// and https:// protocols.

3. Click on [Refresh by Directory & File Extension](#)

NEW REFRESH REQUEST

Vie

Name for Request (optional): Assign a name to this request for convenient future reference.

Digital Properties (select at least one):

<input type="checkbox"/> assets.store.hp.com	Host Header
<input type="checkbox"/> cms.itcs.hp.com	Host Header
<input type="checkbox"/> cto-row.store.hp.com	Host Header
<input type="checkbox"/> cto.hotfix.store.hp.com	Host Header
<input type="checkbox"/> cto.perf.store.hp.com	Host Header
<input type="checkbox"/> cto.store.hp.com	Host Header
<input type="checkbox"/> hotfix.store.hp.com	Host Header
<input type="checkbox"/> itg-cms.itcs.hp.com	Host Header
<input type="checkbox"/> itg.store.hp.com	Host Header
<input type="checkbox"/> m.hotfix.store.hp.com	Host Header

4. Select env related check box

(e.g. for hotfix select 1. cto.hotfix.store.hp.com , hotfix.store.hp.com, m.hotfix.store.hp.com

Files to Refresh:

Directory & File Extensions

Specify a directory to refresh all files within (including subdirectories). The path must start with a slash (/). Special characters are not permitted. Specifying "/" by itself will refresh all the content for the entire site.

Example: /store/images

Only refresh files with specific extensions

Enter the file extensions without the preceding dot and separated with a space. Regular characters are not permitted.

Example: gif html jpg

ECCU File Upload

Select an ECCU file to upload that determines which files to refresh:

File Path: No file selected.

Email (optional): Enter the email address to notify once this request gets processed.

nethra.k@hp.com

1. Enter Directory and file extension as /
2. Click on submit

Case 2: clear cache for specific page/Product:

Please check with DEV/QA for page url or product name.

Let's take if they gave product V9A75AA#ABA_PC and search it in store

The screenshot shows two consecutive screenshots of the HP hotfix.store.hp.com website. In the first screenshot, a search bar at the top right is highlighted with a red box. In the second screenshot, the search bar has the text "V9A75AA#ABA_PC" entered, and the search button is highlighted with an orange box. Below the search bar, a banner for "Windows 7 laptops" is visible, showing a laptop and the text "Save up to \$220 instantly on a new laptop model with Windows 7." A blue arrow points to the left from the banner area.

Once you searched it will display the product

Copy the url like below

The screenshot shows the product page for the "HP Slimline 260z Desktop PC". The URL in the browser address bar is highlighted with a red box. The page features a large image of the desktop tower on the left. To the right, the product name "HP Slimline 260z Desktop PC" is displayed in bold, along with a "Write the first review" link and a "Free shipping & free returns | Up to \$40 off select Bose speakers with purchase of this PC" offer. A bulleted list of specifications follows, including "AMD Quad-Core A6-7310 APU (2 GHz, up to 2.4 GHz, 2 MB cache)", "4 GB DDR3L-1600 SDRAM (1 x 4 GB)", and "AMD Radeon integrated graphics". A "See all Specs" link is also present. The price is listed as "Starting at \$47.00" with a "Customize & buy" button. At the bottom, the product number "V9A75AA#ABA_PC" is shown.

And login to Akamai then Select Publish and content control utility

The screenshot shows the Akamai Control Center interface. At the top, there's a navigation bar with links like 'Apps', 'Suggested Sites', 'Web Slice Gallery', etc. Below the navigation bar is a header with the 'Akamai' logo, the account name 'Manoj Kumar Pasu...', and a search bar. The main menu has tabs: 'MONITOR', 'CONFIGURE', 'PUBLISH' (which is highlighted with a red box), 'RESOLVE', and 'PLAN'. Under the 'PUBLISH' tab, there's a sub-menu with 'Content Control Utility' (also highlighted with a red box) and other options like 'NetStorage' and 'File Manager 2.0'. On the left, there's a 'MY AKAMAI' sidebar with sections for 'MESSAGE CENTER' (Messages 3, Upcoming Events 0, Open Support Cases 0) and 'Luna Control Center Updates' (listing items from June 2016, May 2016, and June 2016). On the right, there's a chart titled 'STATE OF THE INTERNET' showing 'Ad Technology Page Views Page views/min (last 24 hrs)' over time from 06:00 to 26:00 on July 26.

Paste the URL like below

The screenshot shows the 'Content Control Utility' page. The top navigation bar and tabs are identical to the previous screenshot. The main content area is titled 'Content Control Utility' with a sub-header 'Refresh by URL | Refresh by Directory & File Extension'. A note says: 'This utility allows you to quickly refresh the content cached in Akamai edge servers without waiting for expiration as specified in your edge server configuration. Learn More.' Below this, there's a section titled 'Content to Refresh:' with a radio button for 'URLs/ARLs entered below'. A text input field contains the URL 'http://hotfix.store.hp.com/us/en/pdp/hp-slimline-260z-desktop-pc-v9a75aa-ab-1'. A note next to the input field says: 'URL and ARL entries should be full, not partial. Wildcards are not supported with the Content Control Utility. To use wildcards please refer to the Enhanced Content Control Utility by clicking the "Refresh by Directory & File Extension" link, above.' Another note says: 'A protocol is required. It can, for example, be http://, https://, rtmp://, or mms://. Note that only the object specific to the submitted protocol will be purged. This means that you'll need to submit both URLs in order to purge an object that's served using both http:// and https:// protocols.'

And start refreshing Akamai, you will get mail after cleared

16. TO CHANGE VERSION OF UPDATE/WCUPDATE INSTALLER

1. Download the required version update installer package

2. Place it in a temporary directory
3. Extract the pack file
4. Go to subdirectory updateinstaller
5. Open responsefile.updiinstaller.txt file ,make changes with these lines
 - a. set -OPT silentInstallLicenseAcceptance="true" from false to true(if its false)
 - b. uncomment -OPT allowNonRootSilentInstall="true"
 - c. uncomment -OPT disableEarlyPrereqChecking="true"
 - d. specify the path of the installer to be updated in -OPT install
Location="/opt/apps/IBM/WebSphere/WCUpdateInstaller" (present at the end of the file)
6. After all these changes execute ./install -silent -options "responsefile.updiinstaller.txt

17. WAS VERSION UPGRADATION

Prerequisite: Before upgrading version of application servers ,updateinstaller version should be upgraded ,

- Take backup of IBM folder
- Should stop all the java process (dmgr,node and server)

Server Upgrade

1. Go to IBM site download required fix packs (need to update with two fix packs e.g 7.0.0-WS-WAS-LinuxX64-FP0000037.pak
7.0.0-WS-WASSDK-LinuxX64-FP0000037.pak)
2. Go to path opt/apps/IBM/Websphere/Updateinstaller/responsefiles/insatl.txt
3. Open install.txt file ,uncomment and add entries to these two lines these two lines
 - i. -W maintenance.package (first install was fix pack with path e.g if u placed the pack in /opt/apps/apar give W maintenance.package as /opt/app/apar/ 7.0.0-WS-WAS-LinuxX64-FP0000037.pak)
 - ii. -W product.location (give the appserver path e.g for cto servers /opt/apps/ibm/websphere/configappserver) and save the file
4. Go to /opt/apps/IBM/Websphere/Updateinstaller/
5. Execute ((this should be executed as root) sudo ./update.sh -silent -options apps/IBM/Websphere/Updateinstaller/responsefiles/insatl.txt
6. Once was pack installation completed (it will take some time)have to install wassdk pack
7. Next change maintenance package to WASSDK pak file as in step 3
8. Repeat step 4

9. To see the version go to path /opt/apps/IBM/WebSphere/ConfigAppServer/java/jre/bin
10. ./java -version
11. Once all the steps successfully completed restart the nodes and servers

18. QUEUE CREATION IN OMS SERVERS

Before creating queue should create bus

1. Login to IBM console click on Service Integration → Bus

Buses

A service integration bus supports applications using message-based and service-oriented architectures. A bus is a group of interconnected servers and clusters that have been added as members of the bus. Applications connect to a bus at one of the messaging engines associated with its bus members.

Preferences

	New...	Delete
	Name <input type="button" value="▼"/>	Description <input type="button" value="▼"/>
	Security <input type="button" value="▼"/>	
You can administer the following resources:		
<input type="checkbox"/>	SSFS BUS	Disabled
Total 1		

2. Click on SSFS bus

[Buses](#) > SSFS_BUS

A service integration bus supports applications using message-based and service-oriented architectures. A bus is a group of interconnected servers and clusters that have been added as members of the bus. Applications connect to a bus at one of the messaging engines associated with its bus members.

Configuration Local Topology

General Properties

Name: SSFS_BUS

UUID: 790096719C57CF0F

Description:

Inter-engine transport chain:

Discard messages

Configuration reload enabled

Default messaging engine high message threshold: 50000 messages

Topology

- [Bus members](#)
- [Messaging engines](#)
- [Foreign bus connections](#)
- [Bootstrap members](#)

Destination resources

- [Destinations](#)
- [Mediations](#)

Services

- [Inbound services](#)
- [Outbound services](#)
- [WS-Notification services](#)
- [Reliable messaging state](#)

Additional Properties

- [Custom properties](#)
- [Security](#)

3. Click on Destination

[Buses](#) > [SSFS_BUS](#) > Destinations

A bus destination is defined on a service integration bus, and is hosted by one or more locations within the bus. Applications can attach to the destination as producers, consumers, or both to exchange messages.

[+ Preferences](#)

New...	Delete	Mediate	Unmediate				
Select	Identifier	Bus	Type	Description	Mediation		
You can administer the following resources:							
<input type="checkbox"/>	Default.Topic.Space	SSFS_BUS	Topic space				
<input type="checkbox"/>	LoadInventoryMismatch	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS.ADJUST_INVENTORY_INTEG_SERVER	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS.EXECUTECOLLECTION_AGENT	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS.REMORSE_AGENT_SERVER	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS.REQUESTCOLLECTION_AGENT	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS.RTAM_AGENT_SERVER	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS_BACK_ORDER_NOTIFICATION_Q	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS_CANCEL_FRAUD_DECLINE_ORDER_AGENT_QUEUE	SSFS_BUS	Queue				
<input type="checkbox"/>	SSFS_CANCEL_ORDER_NOTIFICATION_Q	SSFS_BUS	Queue				

4. Click on New

Create new destination

Create a new destination on this bus.

Select destination type

Queue
 Topic space
 Alias
 Foreign

[Next](#) [Cancel](#)

4. Click on Next

Create new queue

Create a new queue for point-to-point messaging.

→ Step 1: Set queue attributes

Step 2: Assign the queue to a bus member

Step 3: Confirm queue creation

Set queue attributes

Configure the attributes of your new queue

* Identifier

Description

Next **Cancel**

5. Enter Queue name as Identifier ,click on next

Create a new queue for point-to-point messaging.

Step 1: Set queue attributes

→ Step 2: Assign the queue to a bus member

Step 3: Confirm queue creation

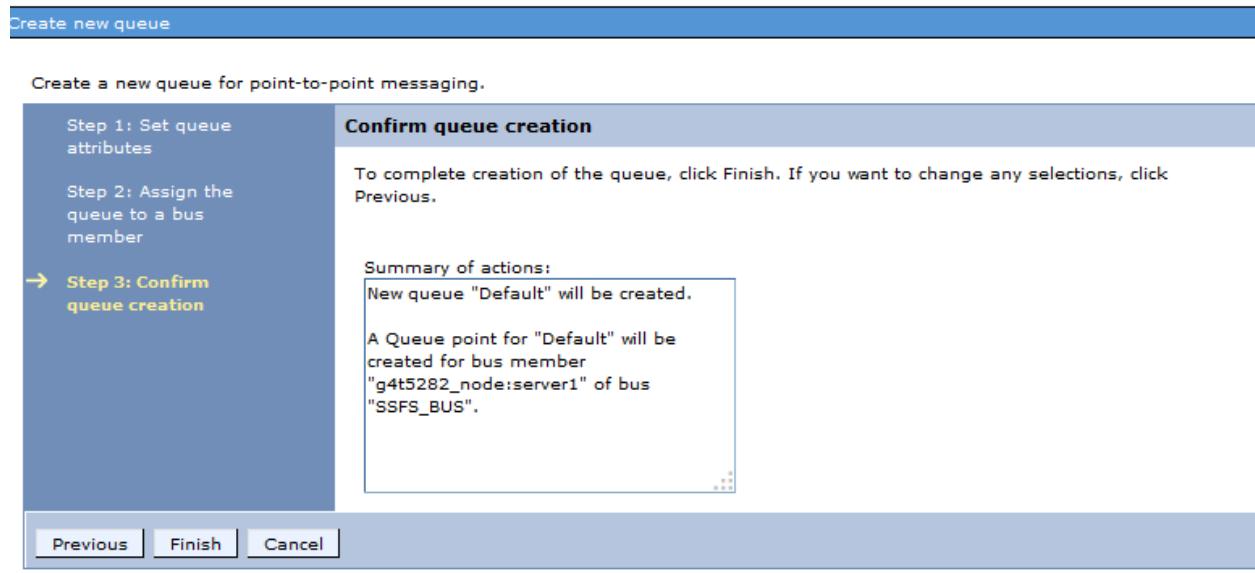
Assign the queue to a bus member

Assign the queue to a bus member that will store and process the messages for the queue.

Bus member

Previous **Next** **Cancel**

Click on



Click finish

To create Queue

1. go to Resources→JMS→Queues->

The screenshot shows the JMS Queues management interface. It includes sections for 'Queues' (describing a JMS queue as a destination for point-to-point messaging), 'Scope' (set to 'Cell=g4t5282Node01Cell, Node=g4t5282_node, Server=server1'), 'Preferences' (with 'New' and 'Delete' buttons), and a table of existing resources. The table has columns for Select, Name, JNDI name, Provider, Description, and Scope. Resources listed include 'LoadInventoryMismatch', 'RTAM_JMS_SEND_D', and 'SSFS.ADJUST_INVENTORY_INTEG_SERVER', all categorized under 'Default messaging provider' with scope 'Node=g4t5282_node, Server=server1'.

Select	Name	JNDI name	Provider	Description	Scope
<input type="checkbox"/>	LoadInventoryMismatch	LoadInventoryMismatch	Default messaging provider		Node=g4t5282_node, Server=server1
<input type="checkbox"/>	RTAM_JMS_SEND_D	RTAM_JMS_SEND_D	Default messaging provider		Node=g4t5282_node, Server=server1
<input type="checkbox"/>	SSFS.ADJUST_INVENTORY_INTEG_SERVER	SSFS.ADJUST_INVENTORY_INTEG_SERVER	Default messaging provider		Node=g4t5282_node, Server=server1

2. Click on New

[Queues](#) > Select JMS resource provider

Scope

Select the provider with which to create the Queue. The following providers support the selected resource type and a selected scope.



3. Select ok

[Queues](#) > [Default messaging provider](#) > New...

A JMS queue is used as a destination for point-to-point messaging. Use JMS queue destination administrative objects to manage provider.

Configuration

General Properties

Administration

Scope

Provider

* Name

* JNDI name

Description

Connection

4. Enter Q name in name field
5. Enter Q name in JNDI name field

Bus name

* Queue name

Delivery mode

Time to live
 milliseconds

Priority

Advanced

Read ahead

Message control across multiple queue points (supported from WebSphere Application Server V7 onwards)

Restrict messages to the local queue point if a queue point is configured on the connected messaging engine

Control across multiple queue points per MessageProducer

Local queue point preference

Prefer to send messages to a local queue point

Do not prefer a local queue point over other queue points

Message affinity across queue points

Send all messages to the same queue point

Messages may be sent to different queue points

3. Select bus name as ssfs bus from dropdown
4. Select q name from drop down
5. Click on apply and save
6. Restart the servers

19. STEPS INSTALL FIX PACK IN CTO BUILD SERVER

1. Login to build sever
2. Download the fix pack under temporary directory (e.g /opt/apps/xyz)
3. Go to path /opt/apps/xyz Unzip the pak file . (e,g unzip Foundation921-FP27_9.2.1.27.zip)
4. After unzip able to see files folder and jar file
5. Go to the path /opt/apps/IBM/ConfiguratorFoundation/bin
6. Execute the command ./InstallService.sh /opt/apps/xyz/files/jar filename(smcfs_921_FP27.jar)/
7. To tail logs go to path /opt/apps/IBM/ConfiguratorFoundation/logs tail -f InstallService.log
8. After successful completion of installation go to path opt/apps/IBM/ConfiguratorFoundation/bin
9. cat version.txt

20. INDEXING THROUGH CONSOLE AND BACKEND

1. Select Environment from dropdown
2. Select Index_Type as Full Index or Delta Index from drop down.
3. Select store as en_us
4. Click on Build

The screenshot shows the Jenkins Project Indexing page. On the left, there is a sidebar with links: Back to Dashboard, Status, Changes, Workspace, Build with Parameters, Configure, and Job Config History. The main area is titled "Project Indexing" and displays the following parameters:
Redmine_ID:
Environment:
Index_Type:
Store:
A "Build" button is located below these fields. At the bottom, there is a "Build History" section with a single entry: #381 Jan 27, 2016 11:24:22 PM.

INDEXING THROUGH BACKEND

1. Login to primary app server
2. go to /opt/apps/IBM/WebSphere/CommerceServer70/bin

Delta build index:

```
nohup ./di-preprocess.sh  
/opt/apps/IBM/WebSphere/CommerceServer70/instances/WCIInstance/search/pre-  
processConfig/MC_10001/Oracle -dbuser <username> -dbuserpwd <password> -instance  
<insatncename> -localename en_US -fullbuild false &
```

```
nohup ./di-buildindex.sh -masterCatalogId 10001 -dbuser <username> -dbuserpwd <password>  
-instance <insytance name> -localename en_US -indextype CatalogGroup -indexSubType  
Structured -fullbuild false &
```

Fullindex (catalog group) :

```
./di-preprocess.sh  
/opt/apps/IBM/WebSphere/CommerceServer70/instances/<instance>/search/pre-  
processConfig/MC_10001/Oracle -dbuser <username> -dbuserpwd <password> -instance  
<instancename> -localename en_US -indextype CatalogGroup -indexSubType Structured -  
fullbuild true
```

```
nohup ./di-buildindex.sh -masterCatalogId 10001 -dbuser <username> -dbuserpwd <password>  
-instance <instance name> -localename en_US -indextype CatalogGroup -indexSubType  
Structured -fullbuild true &
```

Catalog Entry:

```
./di-preprocess.sh  
/opt/apps/IBM/WebSphere/CommerceServer70/instances//<instance>/search/pre-  
processConfig/MC_10001/Oracle -dbuser <username>-dbuserpwd <password> -instance  
<instance name> -localename en_US -indextype CatalogEntry -indexSubType Structured -  
fullbuild true
```

```
nohup ./di-buildindex.sh -masterCatalogId 10001 -dbuser <username> -dbuserpwd <password>  
-instance <instance name> -localename en_US -indextype CatalogEntry -indexSubType  
Structured -fullbuild true &
```

21. STAGE PROP AND INDEX PROP

Stage propagation:

```
Nohup ./stagingprop.sh -dbtype Oracle -scope _all_ -sourcedb  
jdbc:oracle:thin:@gcu42145.houston.hp.com:1526/<sourcedb_servicename> -sourcedb_user  
<username> -sourcedb_passwd <passwd> -destdb  
jdbc:oracle:thin:@gcu42149.houston.hp.com:1526/< servicename> -destdb_user <username> -  
destdb_passwd <passwd> -batchsize 50000 -transaction 100000 -actionOnError 2 -  
tolerateConsolidationErrors true &
```

Index propagation:

```
nohup ./indexprop.sh -searchServerName g4t5286.houston.hp.com -searchServerPort 9081 -  
solrHome  
/opt/apps/IBM/WebSphere/CommerceServer70/instances/ETRSTAGE/search/solr/home &
```

22. NMON TOOL FOR PERFORMANCE TEST

1. Login to c0006107.itcs.hp.com build server
2. Go to path /opt/mount/scripts
3. Start nmon by executing ./nmon.sh <server name>

23. SCHEDULERS THROUGH ADMIN CONSOLE

1. Login to adminconsole
2. Go to configuration→scheduler

The screenshot shows the 'Scheduler Status Display' page. At the top, there are navigation links: Security, Monitoring, Configuration, Store Archives, and Help. Below that, it says 'Logout > Home > Scheduler'. The main area is titled 'Scheduler Status Display' and shows a table of scheduled jobs. The table has columns: Command, State, Status, Start Date, Finished, and Application Type. There are three entries:

Command	State	Status	Start Date	Finished	Application Type
UpdateSearchIndex	Complete		3/18/14 1:55 PM		Search
InventoryAvailabilityAutoLoadFromFiles	Inactive		8/11/16 10:52 AM		Inventory

Below the table, there are buttons for 'Date Range', 'New', 'New Broadcast', 'Change...', 'Delete', 'Remove Record', 'Remove All Records', and 'Refresh'. On the right, there are links: 'Page Number [1] Go', '<< First | 1 of 1 | Last >>', and 'Number of items: 2'.

7. Click on new

The screenshot shows the 'New Scheduled Job' dialog box. It contains various configuration fields:

- Job command: A dropdown menu currently set to '404ErrorView'.
- Job parameters: An empty input field.
- Start Date: A date picker showing 'Year', 'Month', and 'Day' fields.
- Start time: An empty input field.
- Associated user: An empty input field.
- Allowed host: An empty input field.
- Schedule interval: An empty input field.
- Job attempts: An empty input field.
- Seconds to retry: An empty input field.
- Scheduler policy: A dropdown menu set to 'Run only once'.
- Job priority (1 is lowest, 10 is highest): A dropdown menu set to '5'.
- Application type: A dropdown menu.

4. Enter the all parameters as per JIRA ticket enter current date and time give ok
5. Go back to scheduler click on refresh button to see the state of the job.

24 .wcsadmin (ADMIN CONSOLE) PASSWORD RESETTING

1. Go to path
/opt/apps/IBM/WebSphere/CommerceServer70/instances/ETRLIVE/properties/createInstance.properties and get merchant key
2. From db take salt value by executing select * from userreg where logonid='wcsadmin';
3. Go to path cd /opt/apps/IBM/WebSphere/CommerceServer70/bin

4. Execute ./wcs_password.sh wcsadmin123(password) jj1ajk8xm9ev(salt)
0123456789abcdef(merchant key)

5. It will generate hexadecimal and ascii value , take hexadecimal value

6. In db execute update userreg set logonpassword='hexavalue along with extended values' where logonid='wcsadmin';

Sample:

7. Commit and try to login with new password

25. APAR INSTALLATION & UNINSTALLATION

Prerequisite:

- take IBM backup

Product level installation:

1. Connect to primary server and Place fix pack in temporary folder

Go to path cd /opt/applications/IBM/WebSphere/WCUpdateInstaller/responsefiles

2. Vi install.txt

3. Uncomment below lines

- OPT silentInstallLicenseAcceptance="true"(it should be true)
- W maintenance.package=/tmp/fixpack name
- W product.location="/opt/apps/IBM/WebSphere/Commerceserver70"

4. Execute sudo ./install.txt -silent -options /opt/apps/IBM/WebSphere/WCUpdateInstaller/responsefiles

5. Post success message NIFStack.xml for installed APAR

Instance Level:

1. Connect to primary server and Place fix pack in temporary folder

Go to path cd /opt/applications/IBM/WebSphere/WCUpdateInstaller/responsefiles

2. Vi install.txt

3. Uncomment below lines

- OPT silentInstallLicenseAcceptance="true"(it should be true)
- W maintenance.package=/tmp/fixpack name
- W product.location="/opt/apps/IBM/WebSphere/Commerceserver70"
- W updateinstancename="instance_name" (e.g. WCInstance/ETRLIVE/ETRSTAGE)

4. Execute sudo./install.txt -silent -options /opt/apps/IBM/Websphere/WCUpdateInstaller/responsefiles

5. Post success message NIFStack.xml for installed APAR at Instance

APAR Uninstallation:

1. un comment the -W updateinstancename
2. execute as sudo ./install.txt -silent -options /opt/apps/IBM/Websphere/WCUpdateInstaller/responsefiles
3. tail logs /opt/apps/IBM/WebSphere/CommerceServer70/logs/update/actions/install
first tail exportear next delployear
14. Restart the servers

26. MANUALLY INSTALLING PINPOINT OR CACHE CLEAR APPLICATION

1. Have the ear/war file in local system or placed in respective servers temp path

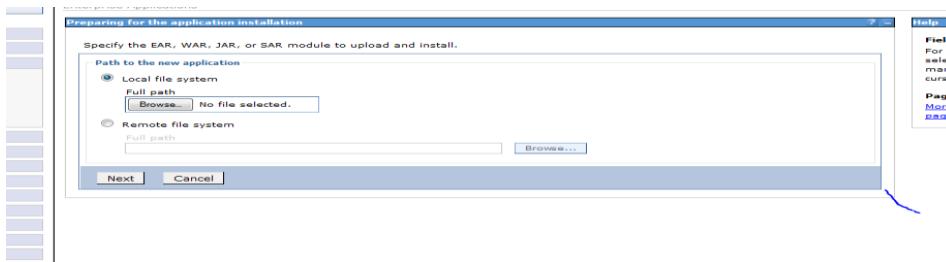
2. login to ibm console

Select	Name	Application Status
<input type="checkbox"/>	DefaultApplication	
<input type="checkbox"/>	Dynamic Cache Monitor	
<input type="checkbox"/>	PinPoint	
<input type="checkbox"/>	Solr_WCInstance	
<input type="checkbox"/>	WC_WCInstance	
<input type="checkbox"/>	cacheclear	
<input type="checkbox"/>	ivtApp	
<input type="checkbox"/>	query	

3. Click on application → application types → WebSphere enterprise application

5. uninstall the application if its already present

6.click on install



7. If ear file placed in local, browse and select the file

8. If it's in server select remote file system, enter path and file name click on next

How do you want to install the application?

Fast Path - Prompt only when additional information is required.

Detailed - Show all installation options and parameters.

⊕ Choose to generate default bindings and mappings

[Previous](#) [Next](#) [Cancel](#)

9. Click on Next

Specify the various options that are available to prepare and install your application

Precompile JavaServer Pages files

Directory to install application

Distribute application

Use Binary Configuration

Deploy enterprise beans

Application name

Create MBeans for resources

Override class reloading settings for Web and EJB modules

Reload interval in seconds

Deploy Web services

Validate Input off/warn/fail

Process embedded configuration

File Permission

Allow all files to be read but not written to
Allow executables to execute
Allow HTML and image files to be read by everyone

.*\.\|l=755#\.*\.\|o=755#\.*\.\|a=755#\.*\.\|sl=755

Application Build ID

10. Enter application name as Pinpoint click on next

11. Review and synchronize nodes and save.

27. APPLY CDT MANUALLY IN OMS SERVERS

1. Go to build server in tmp folder do svn checkout as
2. It will create CDT folder goto CDT folder
3. Copy the required cDT package from build server to destination server to the path /opt/apps/CDT/svn_all_zips/CDT
4. Login to destination server
5. Go to the path /opt/apps/CDT/svn_all_zips/CDT
6. Unzip the zip file for ex , ‘unzip HP-ETR2.2-CDT-07-APR-2014.zip’ . This will create the folder with name ‘HP-ETR2.2-CDT-07-APR-2014’
7. Go to HP-ETR2.2-CDT-07-APR-2014 folder copy all xml files (cp *) to /opt/apps/CDT/input
8. go to the path '/opt/apps/CDT/scripts'
9. Run the cdtcompare.sh and cdtpush.sh
10. Once cdtpush is done, the reports will be archived into ‘/opt/apps/CDT/history’ for future reference
Once cdtcompare is done, you can look at ‘/opt/apps/CDT/reports’ to view the list of changes by the CDT (which will be pushed by cdtpush)
11. The logs will be at ‘/opt/apps/CDT/logs’

28. SEARCH SETUP:

- 1) Select * from tab where tname like 'TI_%';
Delete all TI_* tables. Make sure you are not deleting TICKLER table
- 2) In WAS DMGR server

```
Cd
/opt/apps/IBM/WebSphere/CommerceServer70/components/foundation/subcomponents/search/bin

nohup ./setupSearchIndex.sh -instance <Instance name> -action configWCforSolr -
masterCatalogId 10001 -dbuser <DB user name> -dbuserpwd "<DB password>" -
searchServerName <search server name> -searchServerPort 9081 -dbURL
jdbc:oracle:thin:@g9u0885.houston.hp.com:port/servicename -setupWebContent true &
```

O/P: Exit code 0 represents success.

(In above command change the jdbc url name according to environment)

3) Select * from srchconf - To check languages added in the set up

4) In solr server

Copy search folder from below path (DMGR app server) to solr server under /opt/apps

cd

/opt/apps/IBM/WebSphere/CommerceServer70/components/foundation/subcomponents/

5) Go to path /opt/apps/search/bin in solr server execute

```
./setupSearchIndex.sh -instance <Instance name> -setupMode remote -action configSolrCores -masterCatalogId 10001 -dbuser <DB schema name> -dbuserpwd "<DB password>" -solrhome /opt/apps/IBM/WebSphere/CommerceServer70/instances/<Instance Name>/search/solr/home/ -wcServerName <app server> -dbserver <DB server name> -dbport <DB port> -dbtype oracle -dbname <SID name> -wasHome  
/opt/apps/IBM/WebSphere/AppServer
```

O/P: Exit code 0 represents success.

29. RUN INVENTORY UPDATE QUERY

Step 1

TRUNCATE TABLE INVAVL;

Step 2.

Drop sequence temp_inval

Step 3.

create sequence temp_inval start with 10000 increment by 1;

INSERT INTO INVAVL

Select temp_inval.nextval, 99999, Sysdate,null,Sysdate,null,null,null, Catentry_id, 10151,null,'C62', 'AVL',1 from catentry where catenttype_id = 'ItemBean' and buyable=1;

30. CLEAR ALERTS in OMS END (UAT2 LIVE)

```
Update yfs_inbox set ACTIVE_FLAG = 'N',STATUS ='CLOSED', RESOLUTION_DATE = TO_DATE('2016-09-09', 'YYYY-MM-DD');
```

```
update ssfs_admin.uti_export set status=10 where export_key < '20160909';
```

31. INCREASE TO JVM MAX HEAP SETTING

1. Login to IBM console
2. go to the path Servers→server types→WebSphere application server→server1

The screenshot shows the 'General Properties' tab of the server configuration. It includes fields for Name (server1), Node name (c9t04398_node), and various runtime options like 'Run in development mode' (unchecked), 'Parallel start' (checked), and 'Start components as needed' (unchecked). The 'Access to internal server classes' dropdown is set to 'Allow'. Under 'Server-specific Application Settings', 'Classloader policy' is set to 'Multiple' and 'Class loading mode' is set to 'Classes loaded with local class loader first (parent last)'. At the bottom are 'Apply', 'OK', 'Reset', and 'Cancel' buttons. To the right, the 'Container Settings' tab is visible, containing sections for Session management, SIP Container Settings, Web Container Settings, Portlet Container Settings, EJB Container Settings, Container Services, and Business Process Services.

3. Java and Process Management→Process definition→Java Virtual machine

Use this page to configure a process definition. A process definition defines the command line information necessary to start or initialize a process.

The screenshot shows the 'Configuration' tab of the process definition configuration. It includes fields for 'Executable name' (empty), 'Executable arguments' (empty), 'Start command' (empty), 'Start command arguments' (empty), and 'Stop command' (empty). To the right, the 'Additional Properties' tab is visible, listing Java Virtual Machine, Environment Entries, Process execution, Process Logs, and Logging and tracing.

4. Change to required initial and maximum heap size

Boot Classpath

Verbose class loading

Verbose garbage collection

Verbose JNI

Initial heap size MB

Maximum heap size MB

Run HProf

HProf Arguments

Debug Mode

Debug arguments

32. TO CHANGE TAX WARE URL

1. Login to adminconsole

2. Go to Site → configurations → Message Types → [com.hp.wwops.ecommerce.service.entity.wstax3](#)

Logout > Home > Message Types > Change

Message Type parameters Change Settings...	Change Message Transport Assignment Message type <input type="text" value="com.hp.wwops.ecommerce.service.entity.wstax3"/> Message severity range <input type="text" value="0"/> to <input type="text" value="0"/> Transport <input type="text" value="Webservices over HTTP"/> Device format <input type="text" value="Webservices"/> Archive message after sent <input type="checkbox"/>	Next
--	--	-------------

3. Click on next

Message Type Parameters 	<h3>Change Message Transport Assignment</h3> <p>Webservices over HTTP</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Parameter</th> <th style="text-align: left;">Value</th> </tr> </thead> <tbody> <tr> <td>SOAPAction</td> <td>SOAPAction</td> </tr> <tr> <td>URL</td> <td><input type="text" value="http://wstax-inc-itg-int.itcs.hpicorp.net/wwops/ecomm"/></td> </tr> <tr> <td>bufferResponse</td> <td><input type="text" value="true"/></td> </tr> <tr> <td>connectTimeout</td> <td><input type="text" value="1"/></td> </tr> <tr> <td>Content-Type</td> <td><input type="text" value="text/xml"/></td> </tr> <tr> <td>Exception Cache Timeout (seconds)</td> <td><input type="text" value="0"/></td> </tr> <tr> <td>Password</td> <td><input type="password"/></td> </tr> <tr> <td>readTimeout</td> <td><input type="text" value="70"/></td> </tr> <tr> <td>User Name</td> <td><input type="text"/></td> </tr> </tbody> </table>	Parameter	Value	SOAPAction	SOAPAction	URL	<input type="text" value="http://wstax-inc-itg-int.itcs.hpicorp.net/wwops/ecomm"/>	bufferResponse	<input type="text" value="true"/>	connectTimeout	<input type="text" value="1"/>	Content-Type	<input type="text" value="text/xml"/>	Exception Cache Timeout (seconds)	<input type="text" value="0"/>	Password	<input type="password"/>	readTimeout	<input type="text" value="70"/>	User Name	<input type="text"/>
Parameter	Value																				
SOAPAction	SOAPAction																				
URL	<input type="text" value="http://wstax-inc-itg-int.itcs.hpicorp.net/wwops/ecomm"/>																				
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connectTimeout	<input type="text" value="1"/>																				
Content-Type	<input type="text" value="text/xml"/>																				
Exception Cache Timeout (seconds)	<input type="text" value="0"/>																				
Password	<input type="password"/>																				
readTimeout	<input type="text" value="70"/>																				
User Name	<input type="text"/>																				

5. Enter URL in URL field and save

33. TO CREATE OBJECT CACHE IN WAS

1. Login to IBM console
2. Go to path Resources → Cache Instances → Object cache instance

Preferences				
	New	Delete		
			Name	JNDI name
You can administer the following resources:				
<input type="checkbox"/>	DealsCache		services/cache/DealsCache	Cluster=CommerceCluster 2000
<input type="checkbox"/>	DealsStatusCache		services/cache/DealsStatusCache	Cluster=CommerceCluster 2000
<input type="checkbox"/>	EsdOmsCalendarCache		services/cache/EsdOmsCalendarCache	Cluster=CommerceCluster 2000
<input type="checkbox"/>	InventoryCache		dmap/IVCache	Cluster=CommerceCluster 20000
<input type="checkbox"/>	MarketingCache		services/cache/DM_Cache	Cluster=CommerceCluster 2500
<input type="checkbox"/>	MarketingUserCache		services/cache/DM_UserCache	Cluster=CommerceCluster 10000
<input type="checkbox"/>	PSTCache		services/cache/PSTCache	Cluster=CommerceCluster 2000
<input type="checkbox"/>	PreviewTokenCache		services/cache/PT_Cache	Cluster=CommerceCluster 1000
<input type="checkbox"/>	PriceCache		dmap/PriceCache	Cluster=CommerceCluster 20000
<input type="checkbox"/>	PriceRuleCache		dmap/PR_Cache	Cluster=CommerceCluster 5000
<input type="checkbox"/>	ProdCache		services/cache/ProdCache	Cluster=CommerceCluster 6000

2. Click on new

Configuration

General Properties

* Scope
cells:g4t5280Cell01:clusters:CommerceCluster

* Name

* JNDI name

Description

Category

* Cache provider
Default dynamic cache

* Cache size
2000

* Default priority
1

The additional properties will not be available until the general properties for this item are applied or saved.

Additional Properties

Custom properties

Memory Cache Size

Limit memory cache size

Memory cache size
 MB

High threshold
95 %

Low threshold
80 %

Disk Cache settings

Enable disk offload

Consistency settings

Use listener context

Dependency ID support

Enable cache replication

Full group replication domain
WC_Rep_domain

Replication type
Not Shared

Push frequency
1 seconds

[Create a new replication domain.](#)

Apply OK Reset Cancel

3. Enter given cache and JNDI name in respective fields

4. Enter give cache size

5. Apply, synchronize with nodes and save.

6 Restart all app servers

34. COLLECT THREAD COUNTS/MPM stats

```
cat /opt/apps/IBM/HTTPServer/logs/error_log.<YYYY-MM-DD-*> | grep mpm | grep cls | awk  
'split($5,a,"]"){print a[1]" "$2" "$3" "$4"_"$11}'
```

35. CREATE PUNCHOUT USER LOGIN IN OMS FROM STERLING AGENT SERVER

1. Step 1: Ensure following directories are created in the server.

- /opt/apps/IBM/UserAgentDataLoad/Input
- /opt/apps/IBM/UserAgentDataLoad/Completed
- /opt/apps/IBM/UserAgentDataLoad/Working
- /opt/apps/IBM/UserAgentDataLoad/Error

Step 2: Put the CSV file in the Input folder

- Ensure no File exists in the directory :
 - o /opt/apps/IBM/UserAgentDataLoad/Working
 - o /opt/apps/IBM/UserAgentDataLoad/Error
 - o /opt/apps/IBM/UserAgentDataLoad/Completed
- Copy the csv file to directory: /opt/apps/IBM/UserAgentDataLoad/Input

Step 3: Run the Service

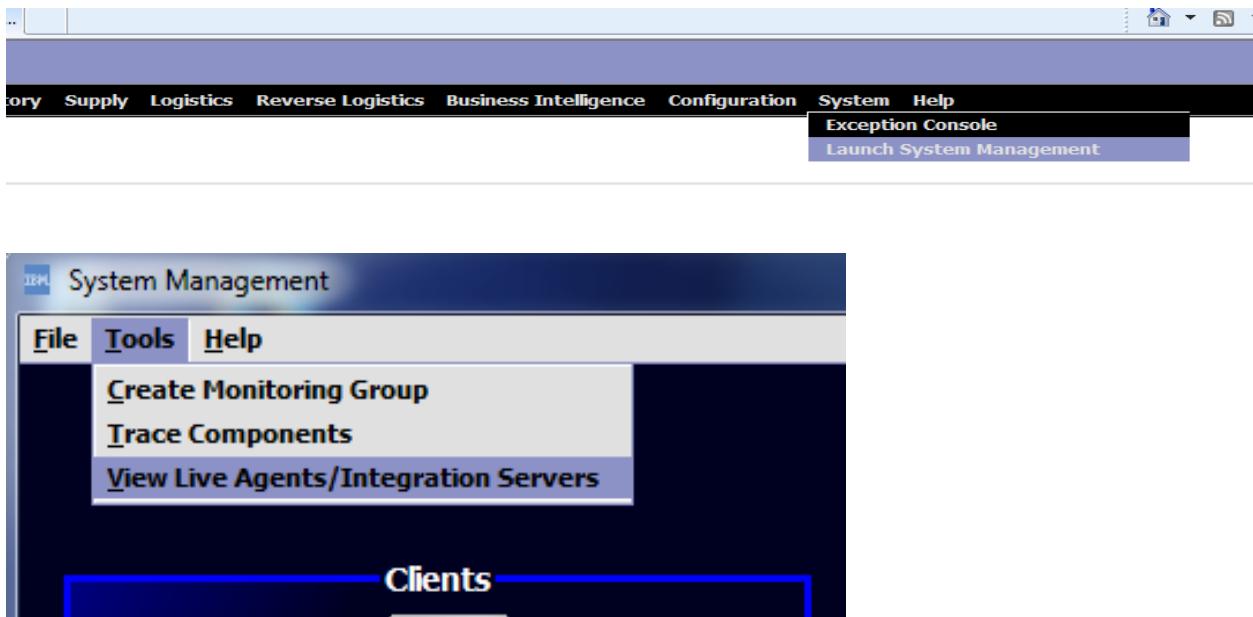
- Go to the location /opt/apps/IBM/Sterling93/bin.
- Start service from command line: ./startIntegrationServer.sh LoadAgentDataServer

Note:

If any error file exist in directory - /opt/apps/IBM/UserAgentDataLoad/Error.

Once it is completed file will be moved from input to completed folder with extension ".done".

The service needs to be shut down from the application manager. Application Manager -> Launch System Management



36. PATCH CLASS FILE INSIDE JAR (EG.XYZ.JAR)

1. First take backup of existing jar file
2. copy jar file to a temp location
3. unjar the jar in temp location itself using command jar-xvf xyz.jar (it will create unjar file)
4. then go to the path where class file needs to be patched in temp location (e.g /tmp/a/b/c)
5. copy the class file to specific path inside jar (e.g /tmp/a/b/c/clasfile)
6. go to tmp directory using command cd /tmp
7. execute command rm xyz.jar (remove unjar file name)
8. execute jar –xvf xyz.jar * (to make again jar file)
9. Finally copy the jar file to required server in specific folder.

37. REFRESH AND UPDATE THE COMMAND REGISTRY

1. Login to admin console
2. Go to site → configuration → registry

Registry		Page Number <input type="text" value="1"/> <input type="button" value="Go"/>	« First 1 of 3 Next »
Number of items: 58			
<input type="checkbox"/> Registry Component		Status	
<input type="checkbox"/> Language		Updated	
<input type="checkbox"/> Unified Business Flow		Updated	
<input type="checkbox"/> Access Control Resources		Updated	
<input type="checkbox"/> Change Settings...		Updated	
<input type="checkbox"/> OverSizeIndicatorRegistry		Updated	
<input type="checkbox"/> SterlingOMSOrderRegistry		Updated	
<input type="checkbox"/> Currency Manager		Updated	
<input type="checkbox"/> Access Control Policy Groups		Updated	
<input type="checkbox"/> HPStaticTextRegistry		Updated	
<input type="checkbox"/> URL Commands		Updated	
<input type="checkbox"/> CategoryNameRegistry		Updated	
<input type="checkbox"/> URL Views		Updated	
<input type="checkbox"/> Stores		Updated	
<input type="checkbox"/> Commerce Commands		Updated	
<input type="checkbox"/> Promotion Policies		Updated	
<input type="checkbox"/> Terms and Conditions Mapping		Updated	
<input type="checkbox"/> Marketing		Updated	
<input type="checkbox"/> Trading Agreement		Updated	
<input type="checkbox"/> SEOShortUrlRegistry		Updated	
<input type="checkbox"/> Price Lists		Updated	

3. If particular registry update is required ,select that and click on update ,If all registry update required click on registry component check box give update all
4. After sometime give refresh it will updated all registry.

38. ALL URLs SHOULD RUN IN HTTPS in OMS (taking UAT2 OMS as eg)

- 1) Have only https with app server
- 2) Route http requests to https when hitting with Web LB
- 3) Bean serive url of OMS need to be changed with WESB UAT2
- 4) To work new https bean service url need to add certificate in WESB UAT2
 - 1) have only https with app server – Take backup of plugin-cfg.xml and remove 9080 port from virtual host list from all OMS app server followed by restart, generate & propagate plugin and web server restart

To remove port

- Environment→Virtual host→default host→Host Aliases
- Delete 9080 port for required server

[Virtual Hosts > default_host](#)

Use this page to create a virtual host with a unique set of Web access ports. Such a configuration lets a single host machine resemble multiple host machines. Each virtual host has a logical name and a list of one or more domain name system (DNS) aliases by which it is known.

Configuration

General Properties	Additional Properties
* Name <input type="text" value="Default_host"/>	<input type="checkbox"/> Host Aliases <input type="checkbox"/> MIME Types
<input type="button" value="Apply"/> <input type="button" value="OK"/> <input type="button" value="Reset"/> <input type="button" value="Cancel"/>	

Virtual Hosts	
Virtual Hosts > default_host > Host Aliases	
Use this page to edit, create, or delete a domain name system (DNS) alias by which the virtual host is known.	
<input type="checkbox"/> Preferences	
New	Delete
Select	Host Name ▾
You can administer the following resources:	Port ▾
<input type="checkbox"/> g4t5278.houston.hp.com	9081
<input type="checkbox"/> g4t5278.houston.hp.com	9444
<input type="checkbox"/> g4t5278.houston.hp.com	5063
<input type="checkbox"/> g4t5278.houston.hp.com	5062
<input type="checkbox"/> g4t5279.houston.hp.com	9081
<input type="checkbox"/> g4t5279.houston.hp.com	9444
<input type="checkbox"/> g4t5279.houston.hp.com	5063
<input type="checkbox"/> g4t5279.houston.hp.com	5062
<input type="checkbox"/> g4t5280.houston.hp.com	9060
<input type="checkbox"/> g4t5280.houston.hp.com	9080
<input type="checkbox"/> g4t5280.houston.hp.com	5060
<input type="checkbox"/> g4t5280.houston.hp.com	5061
<input type="checkbox"/> g4t5280.houston.hp.com	9443

- To generate and propagate plugin Go to server types → webservers

Web servers						
Use this page to view a list of the installed Web servers.						
<input type="checkbox"/> Preferences						
Generate Plug-in Propagate Plug-in New Delete Templates... Start Stop Terminate						
Select	Name ▾	Web server Type ▾	Node ▾	Host Name ▾	Version ▾	Status ▾
You can administer the following resources:						
<input checked="" type="checkbox"/>	webserver1	IBM HTTP Server	g4t5117g.houston.hp.com-node	g4t5117g.houston.hp.com	Not applicable	
<input type="checkbox"/>	webserver1	IBM HTTP Server	g4t5118g.houston.hp.com_node	g4t5118g.houston.hp.com	Not applicable	
Total 2						

- Select one webserver click on generate plugin once its generated successfully click on propagate plugin.

2) Route http requests to https when hitting with Web LB – Take backup of httpd.conf file and add changes in httpd.conf file after virtual host 443 in all web servers

RewriteEngine on

RewriteCond %{SERVER_PORT} =80

RewriteRule ^(.*) https:// %{SERVER_NAME}%{REQUEST_URI} [R,L]

3) Bean service url of OMS need to be changed with WESB UAT2 –explained above

4) To work new https bean service url need to add certificate in WESB UAT2

1. Log into the administrative console.

2. Expand Security and click SSL certificate and key management. Under Configuration settings, click Manage endpoint security configurations.
3. Select the appropriate outbound configuration to get to the (cell):g4t5291Cell01 management scope.
4. Under Related Items, click Key stores and certificates and click the CellDefaultTrustStore key store.
5. Under Additional Properties, click Signer certificates and Retrieve from Port.
6. In the Host field, enter g4t5282.houston.hp.com in the host name field, enter 9443 in the Port field, and g4t5282.houston.hp.com_cert in the Alias field.
7. Click Retrieve Signer Information.
8. Verify that the certificate information is for a certificate that you can trust.
9. Click Apply and Save.

39. ENABLE CACHE TO CACHE MONITOR APPLICATION

1. Login to IBM console, go to Application servers->server1->Webcontainer setting->webcontainer
2. Enable servlet caching.

[Application servers > server1 > Web container](#)

Use this page to configure the Web container.

Configuration

<p>General Properties</p> <p>Default virtual host: <input type="text" value="default_host"/> <input type="button" value="▼"/></p> <p><input checked="" type="checkbox"/> Enable servlet caching</p> <p><input type="checkbox"/> Disable servlet request and response pooling</p> <p><input type="button" value="Apply"/> <input type="button" value="OK"/> <input type="button" value="Reset"/> <input type="button" value="Cancel"/></p>	<p>Additional Properties</p> <ul style="list-style-type: none"> <input type="checkbox"/> Asynchronous Request Dispatching <input type="checkbox"/> Custom properties <input type="checkbox"/> Web container transport chains <input type="checkbox"/> Session management
---	---

40. SSL CERTIFICATE RENEWAL IN WEB SERVERS

Renew the SSL cert

1. Login to the IHS server as wcsuser. For load balanced certs, log in to one of the IHS servers. [Path: /home/wcsuser/renewssl.sh](#)

2. At the first prompt asking for the installation path just hit ENTER
3. At the next prompt,
 - a. If this SSL cert is for a **single server**, enter the server FQDN (Ex. **c0008101.itcs.hp.com**).
 - b. If this server is **load balanced**, enter the full FQDN of the load balancer. (Ex. **glbecomtran-wcsweb-dev7.glb.itcs.hp.com**)
4. At the next prompt, enter the short name of the FQDN above. (**c0008101** or **glbecomtran-wcsweb-dev7**)

Give password: password When it prompts.

5. Next, you should see the path to the httpd.conf file which should be /opt/apps/IBM/HTTPServer/conf. Hit ENTER.
6. Follow the on screen instructions. Go to this link <https://mydigitalbadge.hp.com/hp/client/sslPrivateStart.php> and fill out all the information.

Please find the screenshot below and fill the details as per mentioned in the screenshot



SSL Private enrollment

This information will be used to complete your enrollment:

Your Name:	Sriram Krishnamoorthy
Your E-mail Address:	sriram.krishnamoorthy@hp.com

Required: Alternate Contact E-mail

You must enter an Email enabled Enterprise Directory Global Group that meets the [ownership requirements](#).

Enterprise Directory Global Group:

etr_ssl_cert_renewal

Optional: Additional information you may like associated with your certificate

Provide information to identify the business application or unit that owns this certificate such as the HPIT EPR-ID, application name and other descriptors up to 100 characters.

Check this box if this certificate is for an HP IT-Owned Asset as listed in [Apate](#):

Enter EPR-ID and/or description here:

200536

Required: Choose the CA to sign your certificate

You must now use the new HP Private CA to sign your certificates. The new CA can only sign requests generated with a minimum of 2048-bit keys. Check the [New SSL FAQ](#) for full details about the CA change, key requirements and timing.

NEW HP Private CA:

Below is example of certificate key generation you give the details according to what you have generated:

Required: Server generated CSRs

[Click here](#) for instructions on generating your CSR on most server types. Please also check the [CSR guidelines](#) to avoid common mistakes in CSR content.

-- BEGIN NEW CERTIFICATE REQUEST --
MIICzzCzAzcBcAcRAQwgyKczaJxBgNvBAYTlVTRMwEQQDvVOQIEwpDQuXJRK9Stk1BMRIwEAYDVQHQ
EwlQYwvXIEFpsdg8xEzZARBgNVBAsTCk9wZxJhdGLvbnMxDzANBhgNVBAcTBkhqIEluYzErMcKgjALUE
AxMz2Zx2z1ZwNvbxHrYw4t2ZWRpdC13ZWIuyXVZgdLmhbLmnbLmnbTCCASiWdQYJKo2IvhcNAQEBBQAD
ggEPADCCAQoCggEBAK7A7yDC/oCIDBWPtqoj4X/vNALY81acBe6279jzUK1vYEUEUxgQx0792ygnW9J
xXesW4ABr1Ltv+HvMdQSM5grddbiNdrH6CB70WzjOobyaPffff0hwk94II1X9ggckIVJnhBuzB5JT
qtkbRwnbHe73R+n15FpqTAK8D1F9k+e/JrPnUh6dJCDfBa+e8jswIDCERefi9ws+9guT1TxUk
fqVjzerxtueuJPNptOchgr/fHWRWfABYfyAsgumZLc07L15Glyx8WEWXK04m0/VyG3Wmhn04EH1W6FP5
9s0D5DTtyvm+k7Lx4vmZ2Wh/PstJhn1cda+da64Kv951Mv5YA6AE2PfgqnsCAwEAAAAM0GCSqSgqSib3
DQEBCwua41IBAQcgj134su05Z35uv/YX3yA5t026qujoYUo3vMxR216aF4QodRs0eXrc8vpjyV8N
h0+p2hcmL4LnWAMk1CD1U1R0aZpb5StTwAx1sVY1ET2Se1x+j0E9Y2mDMGooft5YicTpaya+r57c
p5PSGF/louVRVB2LFC0o0r1nJRJRXyWbj0+tLaiuPeE4R7VNSFVPBs02KcyZSQUntSV1LEm6FX03M0
mQuYtFpew3xY0K2XdhNeq6dFDWLBmlB/yp3F3u2ZWeJe4ieRe6Av21/RsggIb8nzo1K7ujNL3rFB
8Ac+aFvFTnMyiHhkQ241lFOMZDqa3Rtmnuk329B8x+EitWp4IIC
-- END NEW CERTIFICATE REQUEST --

Optional: Subject Alternative Names

The use of subject alternative name is specifically to handle the situation when one system must respond to more than one system name. This is common in a load balanced or highly available environment. Please enter any additional Subject Alternative Name (dnsName) entries you would like included in your certificate. The Common Name (CN) from your CSR will automatically be included for you.

In Next page:

SSL Private enrollment

A valid certificate for glbecomtran-edit-web.austin.hp.com has been found.

In order to get a new certificate with this name we must first revoke the current valid certificate. By revoking this certificate you become responsible for any loss of business that occurs because of this action. When you revoke this certificate some clients (such as Windows Vista and Windows 7) will become aware of the revocation immediately while others (such as Windows XP) may not until 12:01am 08 Jan 2016 Pacific Time. Therefore you will need to update every system/application that uses this certificate as quickly as possible.

Please consider your actions. If this revocation is for you to get a new certificate, you may be able to avoid any loss of business by waiting and renewing this certificate later. If you can wait and request this certificate any time after 09 Dec 2016 then you will have until 08 Jan 2017 to update all these systems and/or applications giving you a much longer period to test and validate that there will be no loss of business.

To Proceed you must type "I understand" in the text box:

I understand

[Click here to Cancel](#)

[Click here to Revoke this Certificate](#)

Copy the certificate from this below page and paste it in Unix box:

You will need to install your certificate on your server. [Click here](#) for instructions. For your convenience a copy of this certificate will be emailed to you.

```
-----BEGIN CERTIFICATE-----  
MIIGNTCCBR2gAwIBAgIQB82wHSk7uAaywRbHMYnUOjANBgkqhkiG9w0BAQsFADB  
MQswCQYDVQQGEwJVUzEPMA0GA1UEChMGSFAgSW5jMSAwHgYDVQQLExdJbmZyYXN0  
cnVjdHvYZSBTZXJ2aNWn1czEeMBwGA1UEAxMVSFAgSW5jIFByaXZhGUgU1NMIE  
MB4XDTE2MDEwODAwMDFOXDTE3MDEwODIzNTk1OVowVzERMA8GA1UECgwISFA  
IEluYy4xExZARBgNvBAsMCk9wZXJhdG1vbhMxLTArBgNVBAMMGdsb2JhbGVjb210  
cmFuLWVkaXQtdm0uYXVzdGlubLmhwlMnvbTCCASiwDQYJKoZIhvcNAQEBQADggEP  
ADCCAQoCggEBANC43avbbF66f09QRyGv+rdLlioq0vT8u7IsecdXjSbx8d2b2aw  
TCqcsYTsbC3DABMRCjVayYeVhpjz2De581jQmH0OdLT329JHdWGmoJnb+kKc0p0S  
eiR2k0D87Dz/b5z5GVdeoHufVNsUiwkUxtAQiHcb5AOmj7g6IohAYHzR8yFDZ3VU  
G1cny3JkPjVZNPIMVfXzoEJSyygA5MxD/19spSPTakhcAnHeNBP44HQW/Odhs52Z  
w/61cYTCVFT12EBa7QTEJe5TfMbKholndzu/11HYZmgBVJDSRiR+6bTGfiqcB4w9  
JNdj5wXgdwxRob5+T3zLf7YrtksHGsgyk2sCAwEAAaOCAvIwggluMF0GA1UdEQRW  
MFSCFWcxsdQ3MTkuYXVzdGlubLmhwlMnvbYIVZzJ0MzUyMC5hdXN0aW4uaHAuY29t  
giRnbG9iYWx1Y29tdHJhb1l1ZG10LX2tLmF1c3Rpbi5ocC5jb20wCQYDVR0TBAIw  
ADAObgNVHQ8BAf8EBAMCBLAWJwYDVR01BCAwHgYIKwYBBQUAwEGCCsGAQUFBwMC  
BggrBgeFBQcDBDCBqQYDVR0gBHoweDB2BgorBgeEAQsEAwUBMGgwKQYIKwYBBQUH  
AgEWHWh0dHA6Ly9kaWdpdGFsYmFk22UuaHAuY29tL2NwMDsGCCsGAQUFBwICMC8a  
LVRoaxMgYXV0aG9yaXR5IG1zIGZvcIBIUCwgSW5jL1BdIXNpbmVzcyBvbmx5LjAd  
BgNVHQ4EFgQUAGRUYY1N225Btbewf2Gs4F6ItqEwHwYDVR0jBBgwFoAUzu33XoQk  
pSkV+VBXn+8F2MJOnA4wgfQGA1UdHwSB7DCB6TCB5qCB46CB4IZCaHR0cDovL21z  
c2wtY3JslndzLnN5bWFudGVjLmNvbS9Qcm12YXR1Q0EvODEyNzc3ODk0LVJTQS1T  
SEEyNTYuY3JshoG2bGRhcDovL2hwaS1wcm8tb2RzLWVkLmluZnJhLmhwaWNvcnAu  
bmV0L0N0PUhQJTIwSw5jJTIwUHPdmF0ZSUyMFNTTCUyMENBLE89SFA1MjBJbmMs  
Qz1vUyxPVT1JVCUyMEluZnJhc3RydWN0dXJ1LE89aHAuY29tP2N1cnRpZmljYXR1  
cmV2b2NhdG1vbmxpc3Q7YmluYXJ5MIGNBgggrBgeFBQcBAQSBgDB+MCwGCCsGAQUF  
BzABhiBodHRwOi8vbXNzbC1vY3NwLndzLnN5bWFudGVjLmNvbTBOBgggrBgeFBQcw  
AoZCaHR0cDovL21zc2wtYW1hLndzLnN5bWFudGVjLmNvbS9Qcm12YXR1Q0EvODEy  
Nzc3ODk0LVJTQS1TSEEyNTYuY2VyMA0GCSqGSIb3DQEBCwUA4IBAQAfG3cVPHv4  
nlmeXXWxjtbgJuV18eG22W37pR6gt7svrxuOTi7AOumGOwfU8nn+9wrm1S+ye3k  
5AQ4f9MPiYf+dUHzp5xB234LN0mh4CR/BngI9dTdGSzN80iy9ak4Tx15UT3lnGT  
qmWDQnfj0FUvD1Hws5e1fZq5D0XSXAvK6efplQr71QgTVu0HRIsnfztaSEziwgR+  
x3tN6TC9N+KmTf0vgIcedfM1YxUGoMFqdMtsziqbq5UsrqupppCvCDw4OBzzEx9R  
mNsfgjMxxb5mAcTfx/7KgGkuzo41luQawfE5Ie9nKBay2KYIHacFVcCKRMBs2VjB  
9kyG6F1VxDsM  
-----END CERTIFICATE-----
```

In order to use a DigitalBadge to secure web-based applications containing HP Confidential or Private information, the application must check the HP Certificate Revocation List (CRL) which meets the Standards and Policies of HP Information Security. [Click here](#) for more information.

[Click here to do another enrollment](#)

After pasting this in Unix server press “ctrl D” twice and it will create certificate key files in /opt/apps/IBM/HTTPServer/conf folder, copy the three key files to other web servers in path: /opt/apps/IBM/HTTPServer/conf.

Last step: Restart web servers.

Please check the site for latest SSL certificate date and expiry.

Note: Check in folder for latest file.

```
[wcsuser@g1t1476g sslcerts2]$ ll
total 16
-rw-r--r-- 1 wcsuser wsgroup 1068 Jan  8 01:54 glbecomtran-edit-web.csr
-rw-r--r-- 1 wcsuser wsgroup 2212 Jan  8 01:56 glbecomtran-edit-web_ssl_cert.crt
-rw-r--r-- 1 wcsuser wsgroup 1376 Jan  8 01:54 HPSignedCA.cer
-rw-r--r-- 1 wcsuser wsgroup 1051 Jan  8 01:54 HPSignedIntCA.cer
[wcsuser@g1t1476g sslcerts2]$ pwd
/home/wcsuser/sslcerts2
[wcsuser@g1t1476g sslcerts2]$
```

41. KEY SHARING BETWEEN SERVERS TO GET SSH CONNECTION

- To get ssh connection between two servers, first we need to do key sharing between the two servers.
- Connect the source server and give the command “cd .ssh”.

```
[wcsuser@g9t4334 ~]$ cd .ssh
[wcsuser@g9t4334 .ssh]$ ll
total 24
-rw-r--r-- 1 wcsuser wsgroup 3695 Oct  1  2014 authorized_keys
-rw-r--r-- 1 wcsuser wsgroup    25 Jul 31  2014 config
-rw----- 1 wcsuser wsgroup 1675 Jul 31  2014 id_rsa
-rw-r--r-- 1 wcsuser wsgroup   412 Jul 31  2014 id_rsa.pub
-rw-r--r-- 1 wcsuser wsgroup 4157 Oct  7 16:07 known_hosts
```

- Open the file “id_rsa.pub” and select the content present in it.
- And copy the content in destination server(connect the destination server → cd .ssh →authorized_keys) and save it.

42. HPSM TICKET CREATION

- Hit the url "<http://itsm-hpit.corp.hp.com/sm/index.do>"
- Then select hp inc→Email&Computer Password→Enter HP mail id & password
- Select Incident Management on left side menu → search Incidents→Enter one sample IM ticket id(in incident ID text box) and press “Enter”.

https://itsm-hpit.corp.hp.com/sm/index.do

HP Service Manager (PRO)

To Do Queue: My Group's To Do List | Display Which Incident Tickets? [X](#)

[Cancel](#) [Search](#) [Clear](#) [Find](#) [Fill](#) [Restore](#) | More ▾

Look For: View:

[Incident](#) [More Choices](#) [Advanced Filter](#)

Incident ID:	IM22793242		
Assignment Group:	<input type="text"/>	Status:	<input type="text"/>
Assignee:	<input type="text"/>		
Category:	<input type="text"/>	Impact:	<input type="text"/>
Area:	<input type="text"/>	Urgency:	<input type="text"/>
Sub-area:	<input type="text"/>	Priority:	<input type="text"/>
Product Specifics:	<input type="text"/>		
Issue Type:	<input type="text"/>	Source:	<input type="text"/>
Exchange Status:	<input type="text"/>	Exchange Destination:	<input type="text"/>
		External Reference #	<input type="text"/>
Service Category:	<input type="text"/>	TTO Status:	<input type="text"/>
Service Subcategory:	<input type="text"/>	TTF Status:	<input type="text"/>
Affected Service:	<input type="text"/>		
Affected CI:	<input type="text"/>		

Major Incident Invoked
 Problem Candidate

d. Go to “More” on top menu and select Duplicate Incident from the drop down.

https://itsm-hpit.corp.hp.com/sm/index.do

HP Service Manager (PRO)

To Do Queue: My Group's To Do List | Update Incident Number IM22793242 [X](#)

[Cancel](#) [Find](#) [Fill](#) [More ▾](#)

Incident Details

Incident Number: IM22793242

Affected Services:
Affected CIs: * gcu42149.houston.hp.com [Edit](#) [Delete](#)

Service Categories:
Service Subcategories:

Affected CI: * gcu42149.houston.hp.com [Edit](#) [Delete](#)

Special Handling:
Company: HPI

Invoice Origin Country:
Source: * manually created

Work Unit: 1

More ▾

- Revert
- Visualize CI
- Create Knowledge
- Duplicate Incident
- Related
- Manual Notification
- View Notification Log
- View Audit History

- e. Change the “Affected CI” textbox value to the corresponding server hostname
- d. Change the “Title” and “description” to the new content regarding our issue.
- e. Change the Assignment group to the respective group.(for ex: DB related IM tickets → W-HPI-INCLV4-IMIT-ORACLE, for Unix related → W-INCFLS-HPIT-UX)
- f. And give “save” from the top menu.

43. OMS PASSWORD CHANGE IN WESB CONSOLE

- a. Login to IBM Integration Solutions Console.
- b. Go to Applications → SCA Modules → WCToSSFSMediationModule.

Select	Module	Version	Application	Status
<input type="checkbox"/>	WCToSSFSMediationModule		WCToSSFSMediationModuleApp	OK

- c. Click on the WCToSSFSMediationModule
- d. Select Additional Properties → Module Properties

The screenshot shows the Oracle Business Integration interface. On the left is a navigation sidebar with various categories like Guided Activities, Servers, Applications, Services, Resources, Security, Environment, Integration Applications, System administration, Users and Groups, Monitoring and Tuning, Troubleshooting, Service integration, and UDDI. The 'Applications' section is expanded, showing New Application, Application Types, and SCA modules. The main panel title is 'SCA modules > WCToSSFSMediationModule'. A sub-header states: 'Use this page to configure the details of a Service Component Architecture (SCA) module. An SCA module is connected to service requesters through exports and to service providers through imports. Both imports and exports have interfaces, which define endpoints to and from the SCA module.' Below this is a 'Configuration' tab. The 'General Properties' section contains fields for Module (WCToSSFSMediationModule), Application name (WCToSSFSMediationModuleApp), Version (empty), Cell ID (empty), and Description (empty). To the right, under 'Module components', are sections for Imports and Exports. Below these are 'Additional Properties' (with a link to Module properties) and 'Related Items' (listing SCA system bus, SCA application bus, SCA system bus destinations, Business Integration Security, Owning enterprise application, and Deployment targets).

e. Under General Properties, the OMS user id can be entered in OMSCredentials.UserId.

This screenshot shows the 'Properties' view for the WCToSSFSMediationModule. The left sidebar is identical to the previous screenshot. The main panel title is 'SCA modules > WCToSSFSMediationModule > Properties'. It says 'The properties that are set for this module.' Below is a 'Configuration' tab. The 'General Properties' section shows a single entry: 'WCToSSFSMediationModule.WCToSSFSMediationModule'. At the bottom are 'Apply', 'OK', 'Reset', and 'Cancel' buttons.

f. OMS password can be entered in OMSCredentials.Password

OMSCredentials.UserId	STRING	admin
CreateOrderInpTrace.enabled	BOOLEAN	true
MultiApiWESBFailTrace.enabled1	BOOLEAN	false
SyncSingleOrderTrace.enabled1	BOOLEAN	false
GetEntitledPriceOutputTrace.enabled1	BOOLEAN	false
GetCompleteOrderDetailsHttpReqTrace.enabled	BOOLEAN	false
ChangeOrderTrace.enabled	BOOLEAN	false
MultiApiOutputTrace.enabled1	BOOLEAN	false
SyncOrderFanOutTrace.enabled1	BOOLEAN	false
CompleteOrderDetailsErrorTrace.enabled	BOOLEAN	true
OMSCredentials.Password	STRING	ETRsterling@123

44. WEBCONTRAINER THREAD COUNT CHANGE IN IBM CONSOLE

a. go to application servers → server1 → Thread pools → Web container from the list

Select	Name	Description	Minimum Size	Maximum Size
<input type="checkbox"/>	Default		20	20
<input type="checkbox"/>	ORB.thread.pool		10	50
<input type="checkbox"/>	SIBFAPInboundThreadPool	Service integration bus FAP inbound channel thread pool	4	50
<input type="checkbox"/>	SIBFAPThreadPool	Service integration bus FAP outbound channel thread pool	4	50
<input type="checkbox"/>	SIBJMSRAThreadPool	Service Integration Bus JMS Resource Adapter thread pool	35	41
<input type="checkbox"/>	TCPChannel.DCS		5	20
<input type="checkbox"/>	WMQCommonServices	WebSphere MQ common services thread pool	1	40
<input type="checkbox"/>	WMQJCAResourceAdapter	wmqJcaRaThreadPoolDescription	5	25
<input type="checkbox"/>	WebContainer		35	35
<input type="checkbox"/>	server.startup	This pool is used by WebSphere during server startup.	1	3

[Application servers](#) > [server1](#) > [Thread pools](#) > WebContainer

Use this page to specify a thread pool for the server to use. A thread pool enables server components to reuse threads instead of creating new threads at run time. Creating new threads is typically a time and resource intensive operation.

Configuration

General Properties		Additional Properties
* Name	WebContainer	Custom properties
Description		
* Minimum Size	35	threads
* Maximum Size	35	threads
* Thread inactivity timeout	3500	milliseconds
<input type="checkbox"/> Allow thread allocation beyond maximum thread size		
Apply OK Reset Cancel		

Change the Minimum size or Maximum size based on the request

45. FINDING UNWANTED JAR FILES

a. Go to the below path if its STAGE:

/opt/apps/IBM/WebSphere/AppServer/profiles/ETRSTAGE/installedApps/WC_ETRSTAG
E_cell/WC_ETRSTAGE.ear/lib

And type the command :

```
ls asm-3.1.jar aspectjrt-1.6.7.jar authorization-profile-data-2013.08.jar data-match-client-  
2013.10-SNAPSHOT.jar data-match-engine-2013.10-SNAPSHOT.jar elementary-process-data-  
2013.08.jar Enablement-BaseComponentsLogic.jar foundation-2013.08.jar hibernate-validator-  
4.2.0.Final.jar http-verb-data-2013.08.jar jcip-annotations-1.0.jar jersey-core-1.5.jar jersey-  
server-1.5.jar junit-4.1.jar log4j-1.2.16.jar logback-classic-0.9.28.jar logback-core-0.9.28.jar  
ojdbc5-11.2.0.1.0.jar ojdbc6-11.2.0.3.0.jar security-impl-2013.08.jar security-system-asset-data-  
2013.08.jar security-system-user-data-2013.08.jar slf4j-log4j12-1.6.3.jar stax-api-1.0-2.jar  
system-user-data-2013.08.jar system-user-type-data-2013.08.jar validation-api-1.0.0.GA.jar  
web-resource-data-2013.08.jar webservices-api-2.1.1.jar webservices-rt-2.1.1.jar application-  
process-data-2013.08.jar
```

b. If any file we got from the above list, need to delete those files and do restart of servers.

c. Go to the below path if it's LIVE and repeat the same step as above:

/opt/apps/IBM/WebSphere/AppServer/profiles/ETRLIVE/installedApps/WC_ETRLIVE_cell/WC_ETRLIVE.ear/lib

46. REMOVAL OF OLD CLASS FILES, IF PRESENT ANY

a. Go to the below (its for live):

/opt/apps/IBM/WebSphere/AppServer/profiles/ETRLIVE/installedApps/WC_ETRLIVE_cell/WC_ETRLIVE.ear/Stores.war/WEB-INF/classes/com

b. Give the command : find . -name "*.class" | xargs ls -altr

c. If we find any files under the "./hp" directory with old dates, we can remove those.

d. We should not remove files present under "./hpstore" at any cost.

```
[wcsuser@g4t5288 ~]$ cd /opt/apps/IBM/WebSphere/AppServer/profiles/ETRLIVE/installedApps/WC_ETRLIVE_cell/WC_ETRLIVE.ear/Stores.war/WEB-INF/classes/com
[wcsuser@g4t5288 com]$ find . -name "*.*class" | xargs ls -altr
-rw-r--r-- 1 wcsuser wcsgroup 2758 Oct  6 19:58 ./hpstore/commerce/user/taglib/GetBVUserIdTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 4267 Oct  6 19:58 ./hpstore/commerce/taglib/analytics/order/ExtendedOrderDataTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 3066 Oct  6 19:58 ./hpstore/commerce/product/taglib/GetProductTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 3588 Oct  6 19:58 ./hpstore/commerce/product/taglib/GetProductsTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 3472 Oct  6 19:58 ./hpstore/commerce/product/taglib/GetAvgRatingTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 4507 Oct  6 19:58 ./hpstore/commerce/common/taglib/StaticTextTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 6072 Oct  6 19:58 ./hpstore/commerce/common/taglib/HPCustomImportTag.class
-rw-r--r-- 1 wcsuser wcsgroup 10528 Oct  6 19:58 ./hpstore/commerce/common/taglib/GetDiscountDetailsFromOrder.class
-rw-r--r-- 1 wcsuser wcsgroup 9948 Oct  6 19:58 ./hpstore/commerce/common/taglib/CustomerOrderItemAttrTag.class
-rw-r--r-- 1 wcsuser wcsgroup 4149 Oct  6 19:58 ./hpstore/commerce/category/taglib/GetTilesFormatTag.class
-rw-r--r-- 1 wcsuser wcsgroup 2836 Oct  6 19:58 ./hpstore/commerce/callcenter/taglib/QuoteEnabledTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 2883 Oct  6 19:58 ./hpstore/commerce/callcenter/taglib/PayOrderEnabledTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 2908 Oct  6 19:58 ./hpstore/commerce/callcenter/taglib/IsNonCCFlowTagHandler.class
-rw-r--r-- 1 wcsuser wcsgroup 2725 Oct  6 19:58 ./hpstore/commerce/callcenter/taglib/IsCCFlowTagHandler.class
[wcsuser@g4t5288 com]$
```

47. ADDING CA CERTIFICATE TO TRUST STORE:

Use keytool to install certificates to the trusted store in java path.

For e.g. go to /opt/apps/IBM/Sterling93/jdk/jre/bin

- a) keytool -import -alias hpca2016 -keystore /opt/apps/IBM/Sterling93/jdk/jre/lib/security/cacerts -trustcacerts -file /tmp/HP_Inc_Private_Root_CA.cer -storepass changeit
- b) Give "yes" while asking confirmation then certificate will be added

48. DB RELATED TASKS

For any DB related tasks like password reset, read user creation, schema creation etc. raise IM ticket to DBA (imap.poe.doc.oracle@hp.com) and follow up with them.

Password reset for any user can be done from Dap tool (<https://databases.corp.hp.com/dap/>)

49: IMAGE PUSH FROM PROD TO ITG WEB SERVERS

Connect to Prod live Webserver.

1. And go to the below path:
 - a. /opt/apps/IBM/WebSphere/AppServer/profiles/ETRLIVE/installedApps/WC_ETR
LIVE_cell/WC_ETRLIVE.ear/Stores.war
2. And enter the below command:
 - a. find . -type f \(-name **.jpeg -o -name **.png -o -name **.bmp -o -name **.gif -o -name **.jpg \|) | cpio -pdm /opt/apps/Stores.war(images finding and making zip)
3. It will generate stores.war file in /opt/apps directory of Prod live Webserver.
4. Then make it tar by using below command:
 - a. tar -cvzf Stores.war.tar.gz Stores.war
5. And copy this tar file to the destination server(ITG webserver) stores.war location and untar this one.
6. Use below command to untar the tar file;
 - a. untar tar -xvf Stores.war.tar.gz

50. DLP JOBS:

- a. **CTO Config Load Job:** Got to the path /opt/apps/PDHDataLoad/bin/ and give the command (nohup sh HPCTOConfigLoadFromSterling.sh HP-ROW.NA-G1 MANUAL en_US &)
- b. **Multi Config Job:** Got to the path /opt/apps/PDHDataLoad/bin/ and give the command(nohup sh CTOServicesStandalone.sh HP-ROW.NA-G1 &)
- c. **PST job :** Got to the path /opt/apps/PDHDataLoad/bin and give the command (nohup sh PriceStrikeThrough.sh HP-ROW.NA-G1 AUTO &)
- d. **Feed Generation Job:** Got to the path /opt/apps/PDHDataLoad/bin and give the command (nohup sh HPFeedGenerationJob.sh HP-ROW.NA-G1 MANUAL en_US &).
- e. **Itemload job :** Go to: cd /opt/apps/DataExtract/Catalog/bin
full load:

```
nohup ./hp_dataextract.sh /opt/apps/DataExtract/Catalog/DeltaExtract/wc-dataextract-master.xml -DstoreId="US_Store" -DcatalogId="HP_Global_CAS" &
```

```
delta load: nohup sh hp_deltaextract.sh HP-ROW.NA-G1 MANUAL &
```

f. **Corona job** : nohup sh HPComponentsLoadFromCORONA.sh HP-ROW.NA-G1 MANUAL en_US &

g. **Prism job**: nohup sh HPCatalogLoadFromPRISM.sh HP-ROW.NA-G1 MANUAL en_US &

h. **Data Extract Job**: Go to the path (/opt/apps/PDHDataLoad/bin/) and run the below command

```
nohup sh HPProductDataExtractJob.sh HP-ROW.NA-G1 MANUAL &
```

i. **Bazarvoice job**:

Bv Import:

1. Go to the below path and run the command below:

```
/opt/apps/IBM/WebSphere/CommerceServer70/bin
```

```
nohup sh dataload.sh /opt/apps/PDHDataLoad/config/BazaarVoice/wc-dataload.xml  
DdataloadParams="|pdhConfigPath=/opt/apps/PDHDataLoad/config/WCAdapter,locale=en_US,jobContext=HP-ROW.NA-G1" -DstoreIdentifier="HP_Global_CAS" -DcatalogIdentifier="HP_Global_CAS" &
```

Bv Export:

1. Go to the below path and run the command mentioned below:

```
/opt/apps/PDHDataLoad/bin
```

Command:

```
(nohup sh bazaarvoiceDataFeed.sh  
/opt/apps/PDHDataLoad/config/RRDataExtract/bazaarvoiceFeedProps.properties &)
```