# ATG Upgrade Go live Guide

# Purpose

This guide is aimed for list all detail steps before going live, including prepare-stage ATG build upgrade , data migration/backup, various JBOSS/ENDECA upgrade and configure details.

# Precondition:

|  |  |  |
| --- | --- | --- |
| Item | Connection info | credential |
| Production\_DB |  |  |
|  |  |  |

# Steps

## Preparation stage

### Code merge - AAXIS

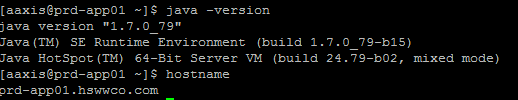
Merge code from master to ATG upgrade branch

### Prepare Endeca configuration

### JDK7

Verify the version of JDK on production servers.

Verified screen shot:



### JBoss6

JBoss setup&verify

Assume to setup JBOSS instance “prd-store31” as sample:

Got JBOSS installer jboss-eap-6.1.zip, then go to folder /opt/hsww and put the installer under this folder, execute the following shells:

sudo unzip /opt/hsww/jboss-eap-6.1.zip -d /opt/hsww/

sudo mkdir -p /opt/hsww/jboss-eap-6.1/standalone/deployments/prd-store31

sudo cp /opt/hsww/jboss-eap-6.1/standalone/configuration/store-config.xml /opt/hsww/jboss-eap-6.1/standalone/configuration/prd-store31-config.xml

sudo chmod 775 -R /opt/hsww/jboss-eap-6.1

sudo chown jboss:jboss -R /opt/hsww/jboss-eap-6.1

Modify prd-store31-config.xml to configure data source, port setting and so on.

Data source configuration is within node “<datasources>”.  
 Ear package scanner “path” is specified within node “<deployment-scanner>”, the value of “path” should be relative, like "deployments/prd-store31".

Port setting is within node “<socket-binding-group>”

Log setting is with node "jboss.server.log.dir", the value should be log path of current jboss instance, like “prd-store31/server.log”

## Backup stage

### Backup Database

Dump all schema. Log into [Production\_DB](#_Precondition:) server, and execute the following dump shell:

expdp \'\/as sysdba\' schemas=EVEREST\_CORE,EVEREST\_CATB,EVEREST\_CATA,EVEREST\_PUB,EVEREST\_STG,EVEREST\_AGENT,EVEREST\_FFL dumpfile=EVEREST\_{timestamp}.dmp logfile=ixpdp\_test1.log

### Backup ATG-Data

Back up ATG-Data directory of all servers

|  |  |  |
| --- | --- | --- |
| domain | Instance name | ATG-Data folder |
| prd-app01.hswwco.com | prd-fulfillment01 | /opt/hsww/jbossas/server/prd-fulfillment01/ATG-Data |
| prd-app01.hswwco.com | prd-store11 | /opt/hsww/jbossas/server/prd-store11/ATG-Data |
| prd-app01.hswwco.com | prd-store12 | /opt/hsww/jbossas/server/prd-store12/ATG-Data |
| prd-app01.hswwco.com | prd-lock01 | /opt/hsww/jbossas/server/prd-lock01/ATG-Data |
| prd-app02.hswwco.com | prd-lock02 | /opt/hsww/jbossas/server/prd-lock02/ATG-Data |
| prd-app02.hswwco.com | prd-index01 | /opt/hsww/jbossas/server/prd-index01/ATG-Data |
| prd-app02.hswwco.com | prd-store21 | /opt/hsww/jbossas/server/prd-store21/ATG-Data |
| prd-app02.hswwco.com | prd-store22 | /opt/hsww/jbossas/server/prd-store22/ATG-Data |
| prd-app03.hswwco.com | prd-store31 | /opt/hsww/jbossas/server/prd-store31/ATG-Data |
| prd-app03.hswwco.com | prd-store32 | /opt/hsww/jbossas/server/prd-store32/ATG-Data |
| prd-app04.hswwco.com | prd-store40 | /opt/hsww/jbossas/server/prd-store40/ATG-Data |
| prd-app04.hswwco.com | prd-store41 | /opt/hsww/jbossas/server/prd-store41/ATG-Data |
| prd-app04.hswwco.com | prd-store42 | /opt/hsww/jbossas/server/prd-store42/ATG-Data |
| prd-app04.hswwco.com | prd-store43 | /opt/hsww/jbossas/server/prd-store43/ATG-Data |
| prd-con01.hswwco.com | prd-pub | /opt/hsww/jbossas/server/prd-pub/ATG-Data |
| prd-csc01.hswwco.com | prd-agent01 | /opt/hsww/jbossas/server/prd-agent01/ATG-Data |

## DB upgrade stage

**Note: all the Shells must executed by Oracle account on production DB.**

### Create upgrade schema

Create the following schema and correct privileges.

sqlplus / as sysdba

create user EVEREST\_CORE\_UPGRADE identified by {PASSWORD\_CORE}

create user EVEREST\_CATA\_UPGRADE identified by {PASSWORD\_CATA}

create user EVEREST\_CATB\_UPGRADE identified by {PASSWORD\_CATB}

create user EVEREST\_PUB\_UPGRADE identified by {PASSWORD\_PUB}

create user EVEREST\_STG\_UPGRADE identified by {PASSWORD\_STG}

create user EVEREST\_AGENT\_UPGRADE identified by {PASSWORD\_AGENT}

GRANT ALTER SESSION TO QAB\_CATA;

GRANT CREATE ANY VIEW TO QAB\_CATA;

GRANT UNLIMITED TABLESPACE TO QAB\_CATA;

GRANT ALTER SESSION TO QAB\_CATA;

ALTER USER CTXSYS ACCOUNT UNLOCK;

GRANT EXECUTE ON "CTXSYS"."CTX\_DDL" TO "DEVA\_CORE\_UPGRADE ";

## Initial JBOSS stage

## Soft lunch stage