

Title of the Document : **IBM BPM V8.5.7 Upgradation to V8.6**

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**1. Introduction:**

**1.1 Migration**

Migrating refers to the process of moving applications and configuration information from an earlier version of a product to a later version of the product, or from one product to a different product. Upgrading refers to the process of installing a new release of the product on top of the previous release and updating the existing installation, configuration, and database in place.

**1.2 Upgrading IBM BPM V8.5.x to IBM BPM Server V8.6.0**

During the upgrading process, you install a new release of the BPM 8.6 product update BPM 8.5.5 the existing installation, configuration, and database in place. You must back up your profiles and databases before upgrading. A profile defines a unique runtime environment, with separate command files, configuration files, and log files. Profiles define the following types of environments in IBM Business Process Manager: stand-alone server, deployment manager, and managed node.

**2.Requirements:**

**To Migrate BPM Environment, the following are needed:**

* **IBM BPM V 8.5.X**
* **WebSphere Application Server V 8.5.X**
* **IBM DB2**
* **Process Server Environment to migrate.**
* **SDK 8**

**3. Backup the Databases & Profiles**

Before going to Installing we need to backup the profiles and Databases.

**For DB’s**

#db2 backup db *database\_name*

**For Profiles**

<profile\_path>/bin/backupConfig.sh

**4. Upgrading an installation interactively(GUI)**

If you have an existing IBM BPM deployment environment,you need to follow the steps

* Start IBM Installation Manager <IM\_installation\_path>/IBMIM
* **Note:** Installation manager must be at a minimum level of Version 1.8 before you start the IBM BPM V8.6 installation updates.
* Add the repositories to the Installation Manager preferences. Click **File** > **Preferences**. Under **Repositories** add the repositories of WAS ND ,BPM 8.6,JDK 1.8.
* Click **Update**. Select the package group where you installed IBM BPM V8.5.x and click **Next**.
* If required check the updates recommend level fix packs.
* If node is in remote we have to update the node environment also.
* Once complete the installation check the version of BPM,WAS ND,JDK
* we can check the versions by running this command <WAS\_Home>/bin/versionInfo.sh
* If you installed Java 8,you must run the following two commands: *install\_root*/bin/managesdk.sh -setCommandDefault -sdkname 1.8\_64  
  *install\_root*/bin/managesdk.sh -setNewProfileDefault -sdkname 1.8\_64

**5. Upgrading the Database**

Run the command <*install\_root>*/bin/DBUpgrade.sh -profileName *deployment\_manager\_profile* -de deployment\_environment\_name

* we can omit the -de if there is only one Deployment Environment .
* Make sure that DBUpgrade command has finished successfully before you move to the next step

**6. Upgrading BPM Configuration**

Run the command <*install*\_*root*>/bin/BPMConfig.sh -upgrade -profile <*Dmgr\_profile*>

* Once completed the BPM configuration upgraded,we have to start the Deployment Manager <*profile\_path*>/bin/startManager.sh
* Goto Node bin and syncNode.sh command need to run for effect the configuratons.
* Enable all servers with sdk1.8
* run the command <*node\_profile>*bin/managedsdk.sh -enableProfile -profileName *<node\_profile>* -sdkName 1.8\_64 -enableServers
* Again syncNode.sh we have to run for effect the configuratons.
* Start the Managed Node *<node\_profile>*/bin/startNode.sh
* Start the Deployment Environment >node\_profile>/bin/startServer.sh <*deploymentEnv\_name*>

**7.Reference**

<https://www-01.ibm.com/support/docview.wss?uid=swg27050085>