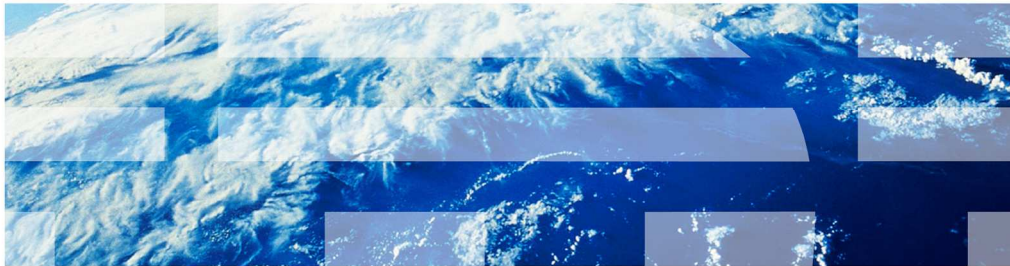


IBM Business Process Manager V8.5

What is new in IBM Business Process Manager V8.5 migration



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This presentation introduces different migration patterns in IBM Business Process Manager V8.5.

Table of contents

- Goals of this presentation
 - Changes to Migration in IBM Business Process Manager V8.5
 - Simplify - Reduce number of steps to success
 - Consolidate - Standard and Advanced follow similar pattern

Migration Patterns	<ul style="list-style-type: none"> ▪WebSphere Lombardi Edition 7.1/Business Process Manager 7.5/8.0 to IBM Business Process Manager V8.5 Std and Adv ▪WebSphere Process Server 7.1 to IBM Business Process Manager V8.5 Adv and Adv Only ▪Business Process Manager 7.5/8.0 to IBM Business Process Manager V8.5 Adv
Migration Steps	<ul style="list-style-type: none"> ▪ Advanced migration aligns with Standard migration pattern ▪ Removal of complex Profile Migration pattern

This presentation covers the migration enhancements of IBM Business Process Manager V8.5 installation, configuration, and migration topic. In this topic, the goal here is to simplify the number of migration steps required to be successful. The migration pattern is consolidated to align for both IBM Business Process Manager Standard and Advanced and to remove complex profile migration pattern.



Section

Migration from WebSphere Lombardi Edition 7/Business Process Manager 7.5/8.0 Standard to IBM Business Process Manager V8.5 Standard/Advanced

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What is new in IBM Business Process Manager V8.5 Migration

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This section describes migration pattern from WebSphere Lombardi Edition 7.1/7.2, Business Process Manager 7.5, 8.0 Standard to IBM Business Process Manager V8.5 Standard/Advanced



WebSphere Lombardi Edition 7/Business Process Manager 7.5/8.0 Standard to IBM Business Process Manager V8.5 Standard/Advanced

▪ Migrate business data and applications

– Summary: Install[New], Config[New], Database[Old], App[Migrated],
AppData[Migrated]

- Install IBM Business Process Manager V8.5
- Configure target environment using old databases for Standard components
- (Advanced) Configure new databases for AdvancedOnly components
- Apply customizations needed from source to target environment
- Upgrade the old databases for Standard components

▪ Migrate artifacts

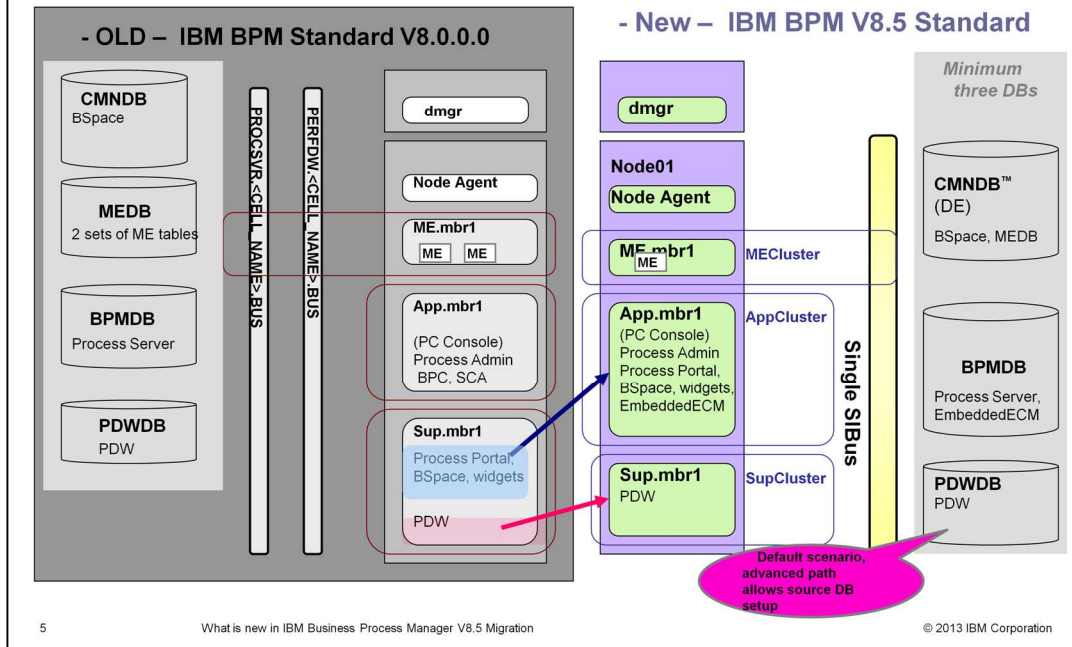
– Summary: Install[New], Config[New], Database[New], App[Migrated], AppData[None]

- Install IBM Business Process Manager V8.5
- Configure target environment using new databases
- Apply customizations needed from source to target environment
- Export the .twx file from source environment and import it in target.
- (Optional) Update the application to use new features
- Test, deploy the application to target Process Servers

This is the migration pattern of WebSphere Lombardi Edition version 7 and IBM Business Process Manager versions 7.5 and 8.0 Standard to IBM Business Process Manager version 8.5. There are two main approaches for migrating from the Standard version of the earlier product to the Standard and Advanced versions of IBM Business Process Manager version 8.5. You can migrate business data and applications, or you can migrate artifacts.

The option to migrate data and applications carries forward only the database from the previous version--no other configuration is carried forward, and the configuration for the target environment is all new and must be done from scratch. The option for artifact migration does not allow historical data to be carried forward—it is a brand new database configuration.

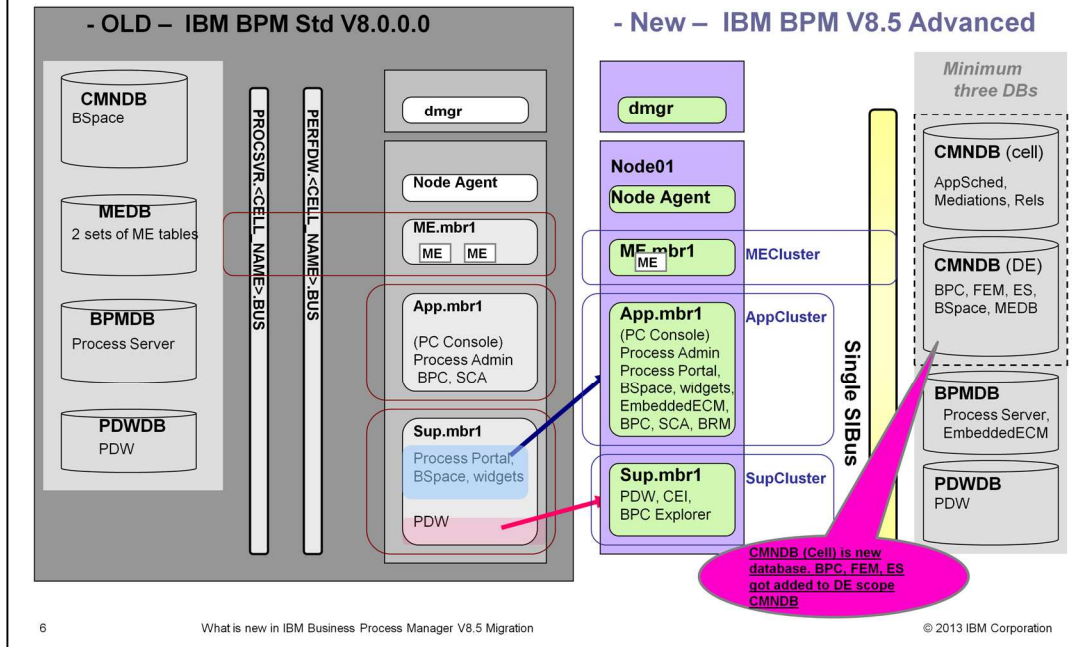
Standard migration process - V8.0 Standard 3-cluster versus V8.5 Standard 3-cluster



This slide shows a version 8.0 Standard configuration as the migration source and a version 8.5 Standard configuration as the target. The version 8.5 target configuration shown here is a simplified default configuration, but you can use advanced configuration to create the same set of database configurations in the target as in the source.

Notice the components that have moved. The Process Portal and Business Space have moved to the App cluster in the target from the support cluster in the source. Also, the service integration bus is a single bus in the target. In version 8.5, by default, a single bus is configured, rather than multiple buses.

Standard migration process - V8.0 Std 3-cluster versus V8.5 Adv 3-cluster



This slide shows a version 8.0 Standard configuration as the migration source and a version 8.5 Advanced configuration as the target. The default configuration for version 8.5 Advanced uses one database CMNDB with the corresponding database schemas (CellOnlyDB and SharedDB) and assigned components. The CellOnlyDB schema contains the database objects for the Application scheduler (AppSched), Mediations (Meds), Relationship manager (Rels), and Enterprise Service Bus Logger Mediation (ESBLogMed) components.

The SharedDB schema, which is also a part of the CMNDB database, contains the database objects for the Messaging (MEDB), CommonDB, BusinessSpace (BSpace), and Business Process Choreographer (BPC) components.

Migration from WebSphere Process Server 7.0 to IBM Business Process Manager V8.5 Advanced/Advanced only

This section describes migration pattern from WebSphere Process Server 7.0 to IBM Business Process Manager V8.5 Advanced or Advanced Only.



WebSphere Process Server 7.0 to IBM Business Process Manager V8.5 Advanced/Advanced Only

▪ Migrate business data and applications

- Summary: Install[New], Config[New], Database[Old], App[Migrated], AppData[Migrated]
 - Install IBM Business Process Manager V8.5
 - Configure target environment using old databases for AdvancedOnly components
 - (Advanced) Configure new databases for Standard components
 - Migrate the applications, SIB Messages, security tokens to target environment
 - Upgrade the old databases for AdvancedOnly components

▪ Migrate artifacts

- Summary: Install[New], Config[New], Database[New], App[Migrated], AppData[None]
 - Install IBM Business Process Manager V8.5
 - Configure target environment using new databases
 - Import previous version WebSphere Integration Developer workspace to IBM Integration Developer (IID) V8.5
 - (Optional) Update the application to use new features
 - (Optional) Advanced target environment can use Process Designer to add new features
 - Test, deploy the application to target Process Servers/Process Center

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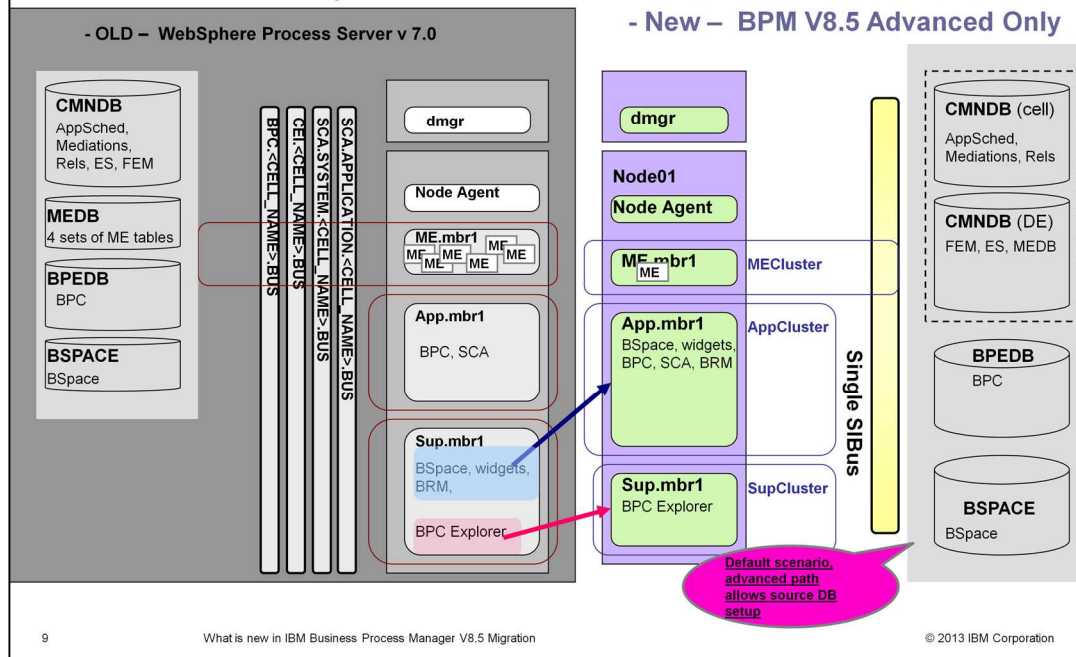
What is new in IBM Business Process Manager V8.5 Migration

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Migration of WebSphere Process Server (WPS) version 7 to IBM Business Process Manager version 8.5.

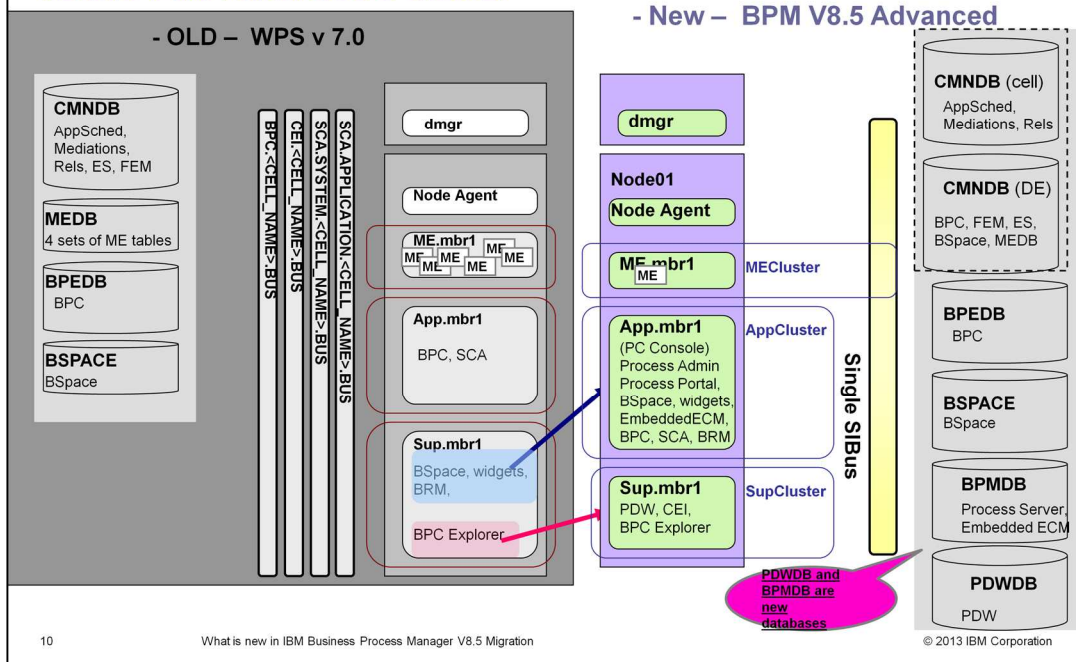
WebSphere Process Server customers can move to either an Advanced or Advanced-only deployment environment in IBM Business Process Manager version 8.5. The Advanced-only option was not present in versions earlier than 8.5. The Advanced-only option configures only WebSphere Process Server functionality, such as BPC and SCA. It does not include WebSphere Lombardi Edition (WLE) related features.

Standard migration process - WebSphere Process Server 3-cluster versus V8.5 AdvOnly 3-cluster



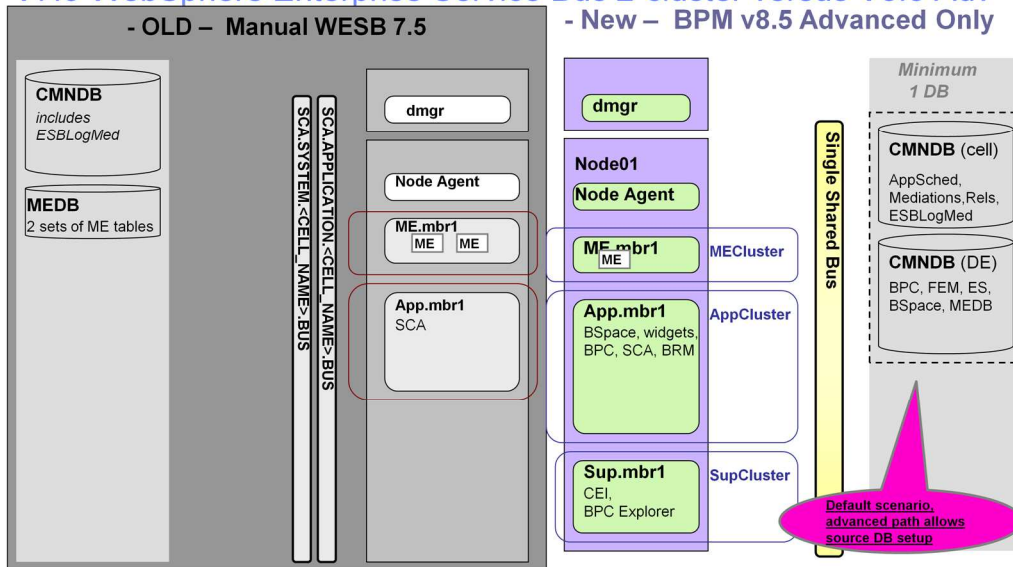
This slide shows a WebSphere Process Server V7.0 configuration as the migration source and a version 8.5 Advanced Only configuration as the target. As mentioned in the previous slide, you can create an Advanced-only Process Server deployment environment if you only want function that is equivalent to WebSphere® Process Server or WebSphere Enterprise Service Bus. In this case, the advanced path allows source database setup for advanced only.

Standard migration process - WebSphere Process Server 3-cluster versus V8.5 Advanced 3-cluster



This slide shows a WebSphere Process Server V7.0 configuration as the migration source and a version 8.5 Advanced configuration as the target. Notice the two new databases, PWDDDB and BPMDB which are required for the Advanced version.

Deployment Environments V7.5 WebSphere Enterprise Service Bus 2-cluster versus V8.5 Adv



*** This 7.5 WESB example was not a DE pattern, but rather was a common manually created pair of clusters, typically as an addition to a BPM DE in a BPM cell ***

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What is new in IBM Business Process Manager V8.5 Migration

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In this scenario, there is no WebSphere Enterprise Service Bus (WESB) option in IBM Business Process Manager version 8.5. Therefore, WebSphere Enterprise Service Bus users need to move to the Advanced-only or the Advanced option in version 8.5.

Migration from IBM Business Process Manager 7.5, Business Process Manager 8.0 to IBM Business Process Manager V8.5 Advanced

This section describes migration patterns from IBM Business Process Manager 7.5.x, Business Process Manager 8.0 to IBM Business Process Manager V8.5 Advanced.



IBM Business Process Manager 7.5, IBM Business Process Manager 8.0 to IBM Business Process Manager 8.5 Advanced

▪ Migrate Business data and applications

– Summary: Install[New], Config[New], Database[Old], App[Migrated], AppData[Migrated]

- Install IBM Business Process Manager V8.5
- Configure target environment using old databases for Advanced components
- Migrate the applications, SIB Messages, security tokens to target environment
- Upgrade the old databases for Advanced components

▪ Migrate Artifacts

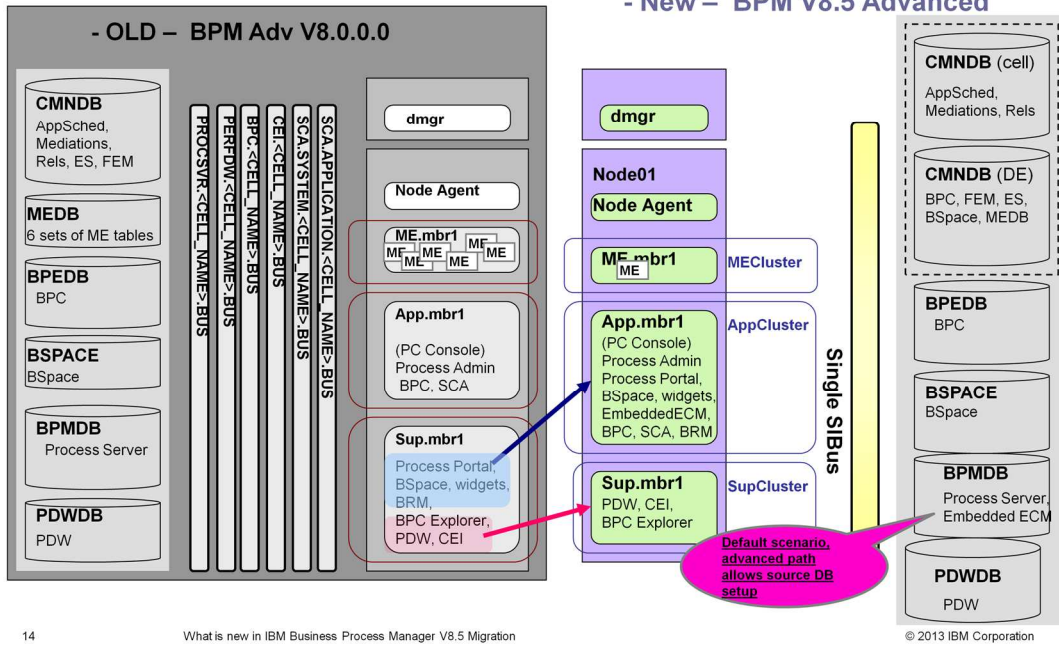
– Summary: Install[New], Config[New], Database[New], App[Migrated], AppData[None]

- Install IBM Business Process Manager V8.5
- Configure target environment using new databases
- Import previous version WebSphere Integration Developer workspace to IBM Integration Developer V8.5.
- (Optional) Update the application to use new features
- (Optional) Use PD to add new features and capabilities
- Test, deploy the application to target Process Servers/Process Center

These are high level migration steps showing migration of Business Process Manager 7.5, 8.0 to IBM Business Process Manager version 8.5. These steps are similar to the steps in the previous slide.

Standard Migration Process V8.0 Adv 3-cluster versus V8.5 Adv 3-cluster

- New - BPM V8.5 Advanced



This slide shows a Business Process Manager 7.5/8.0 configuration as the migration source and a version 8.5 Advanced configuration as the target.



Section

Migration procedure details

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What is new in IBM Business Process Manager V8.5 Migration

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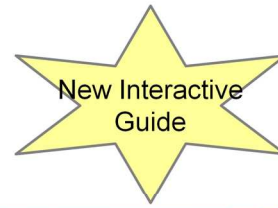
This section describes migration procedure steps in detail.

Procedure steps

- Prepare for migration
- Install version 8.5
- (Remote Migration) Copying the migration utilities to the source computer
- (Advanced) Check for migration readiness
- (WebSphere Process Server, WebSphere Lombardi Edition, and Standard 7.5 only) Configure new databases
- Extract database information from source
- Configure target environment
- Copy the source applications, messages to backup directory
- (Remote Migration) Copy the backup directory to the target computer
- Back up source databases
- Generate SQL files for performing source database schema upgrade
- Upgrade source databases
- Start the target environment
- Import the source applications, messages from backup directory
- Apply configuration updates
- Restart and verify the migration

This slide lists the tasks that typically take place during a migration. The slides that follow in this presentation describe the tools and procedures you use for accomplishing these tasks. The steps marked for “Remote Migration” are for migrations in which you are moving to different hardware and not configuring the new environment on the same set of machines.

Build the plan



The screenshot displays the IBM Business Process Manager Interactive Migration Guide. The page is titled "IBM Business Process Manager Interactive Migration Guide" and includes a search bar at the top. On the left, there is a navigation menu with various topics. The main content area features a section titled "Select options that best suit your migration scenario" with several sub-sections for selection. On the right, there is a "Contents" section with a table of contents. A red box labeled "List of Instructions" points to the table of contents.

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What is new in IBM Business Process Manager V8.5 Migration

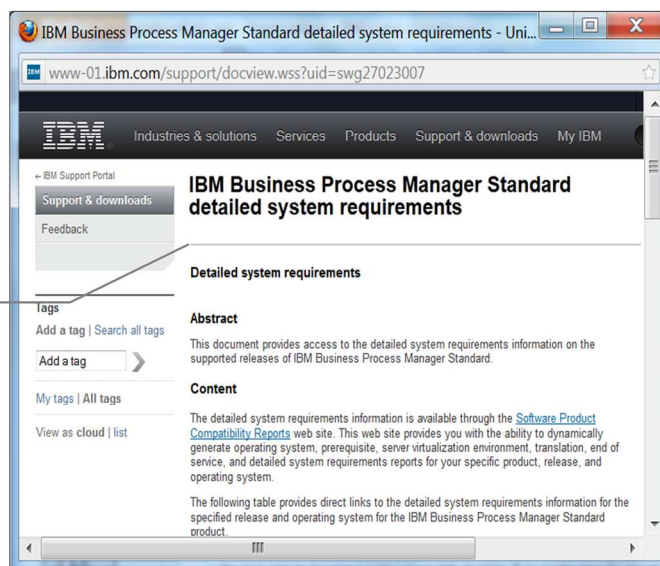
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An Interactive Migration Guide is available for IBM Business Process Manager version 8.5. You can access the guide at the Information Center for IBM Business Process Manager, V8.5.

The Interactive Migration Guide works in the same manner as the Interactive Installation and Configuration Guide that was available in version 8.0. Based on input that you provide regarding the source product type and the database and target deployment environment types, the guide generates a customized set of step-by-step instructions for the migration tasks that you need to complete for your specific environment.

Prepare for migration

- Check system requirements
- Check database user permissions
- Try migration in test env.



Before you begin the migration, check to be sure that your site meets the IBM Business Process Manager detailed system requirements and that you have the correct database setup. In some cases, the database might need to be upgraded if the previous version is no longer supported.

Execute the plan - 1. Install and extract information

Step 1: Install new 8500

Step 2: Create migration.properties file
Pick a sample from util/migration/resources.

Step 3: Run BPMEExtractDBConfiguration command to extract DB information from source environment.

```

C:\0228\bin>BPMEExtractDBConfiguration -propertiesFile ../util/migration/resources/migration.properties -output ../DBConfig.properties
'LOGGING_FILTER_PROP' is not recognized as an internal or external command,
operable program or batch file.
-----
#
# 3. To run the following commands in the source environment, edit the properties for the source
# environment;
# otherwise, edit the properties for the target environment:
# --BPMManageApplications
#
# admin.username:      The user who is authorized to
#                      server through a SOAP connection
# admin.password:     The password of the user who
#                      server through a SOAP connection
#
# profile.name:        The installation root of the
#                      bpm.home
# name                 The name of the deployment
#                      of the stand-alone profile in
#                      bpm.home
# ltps.password:      The password that is used to
#                      log in to WebAS
#-----
admin.username=celladmin
admin.password=celladmin
bpm.home=C:/0228/BPM8500
profile.name=EngProfile
ltps.password=WebAS

ssl.default.password.in.use.CWPX10041V
ssl.disable.url.hostname.verification.CWPX100271
Client code attempting to load security configuration
A retry of the request may need to occur if the socket times out while waiting for
or a prompt response. If the retry is required, note that the prompt will not be
redisplayed if (y) is entered, which indicates the signer has already been added
to the trust store.
Client code attempting to load security configuration
CMMCO30221: Start to export database information from the source environment.
CMMCO30231: Export of database information from the source environment completed
successfully.
C:\0228\bin>
  
```

19 What is new in IBM Business Process Manager V8.5 Migration © 2013 IBM Corporation

This slide shows the first steps in executing the plan by installing and extracting information. Install your new IBM Business Process Manager version 8.5 product, create a migration.properties file, and run the BPMEExtractDBConfiguration command. The BPMEExtractDBConfiguration command is a migration command that is new for version 8.5. This command uses a properties file that has information about source and target environment locations/types. The command extracts the database configuration from the source version into a output name-value properties file. The properties file is used when you configure the target environment to map the database configuration properties.

Execute the plan - 2. Create target environment

The screenshot displays two windows. On the left is a Notepad window titled 'Advanced-PC-ThreeClusters-DB2.properties - WordPad' containing the following properties:

```
#
# Deployment environment basic properties.
#
bpm.de.name=uei
# Options: true, false. If this is set false, database tables are created during deployment
# environment creation when BPMConfig is run with the create de action. If set to true, the
# tables need to be created manually.
bpm.de.createDatabase=true
bpm.de.detectDatabaseCreation=false
bpm.de.createDatabase=true
# Type of product configuration: Express, Standard, Advanced or AdvancedOnly
bpm.de.type=Advanced
# Type of deployment environment: Process Center or Process Server
bpm.de.environment=Process Center
#
# Deployment environment administrator authentication alias.
#
bpm.de.authenticationAlias.1.name=DeAdminAlias
bpm.de.authenticationAlias.1.user=bpmadmin
bpm.de.authenticationAlias.1.password=bpmadmin
#
# Database administrator authentication alias
#
bpm.de.authenticationAlias.2.name=BPM_DB_ALIAS
bpm.de.authenticationAlias.2.user=bpmdb
bpm.de.authenticationAlias.2.password=BPM100dbpm
#
# Deployment Environment Administrator role and authentication alias association
#
bpm.de.roleMapping.1.name=DeAdmin
bpm.de.roleMapping.1.alias=DeAdminAlias
#
```

On the right is a Command Prompt window titled 'Select Administrator: Command Prompt - BPMConfig -create -de Advanced-PC-ThreeClusters-DB2.proper...' showing the execution of the command:

```
C:\0228\bin>BPMConfig -create -de Advanced-PC-ThreeClusters-DB2.properties
Logging to file C:\0228\logs\config\BPMConfig_20130305-121753.log.
Validating the profile registry.
1)
Configuring the deployment manager.
Creating the deployment manager profile.
INSTCONFSUCCESS: Success: Profile DmgrProfile now exists. Please consult c:\0228
\profiles\DmgrProfile\logs\AboutThisProfile.txt for more information about this
profile.
CMCM00135U: The deployment manager SOAP port 8879 in the property file 'Advanced
-PC-ThreeClusters-DB2.properties' does not match the actual SOAP port (8881).
Configuring managed node profiles.
Starting deployment manager profile DmgrProfile.
ADMU0116I: Tool information is being logged in file
c:\0228\profiles\DmgrProfile\logs\dmgr\startServer.log
ADMU0128I: Starting tool with the DmgrProfile profile
ADMU3100I: Reading configuration for server: dmgr
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server dmgr open for e-business; process id is 3388
Creating the managed node Node1 profile.
INSTCONFSUCCESS: Success: Profile Node1Profile now exists. Please consult c:\022
8\profiles\Node1Profile\logs\AboutThisProfile.txt for more information about th
is profile.
Retrieving signers.
CMPT0300I: Adding signer alias "CN=localhost, OU=Root Certifica" to local
```

Step 4: Create BPMConfig properties File.
 Pick a sample from BPM/samples/standard

1. Use DB credentials from BPMExtractDBConfiguration
2. Use same primary admin username/password as source

Step 5: Run BPMConfig command to create target environment.

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What is new in IBM Business Process Manager V8.5 Migration

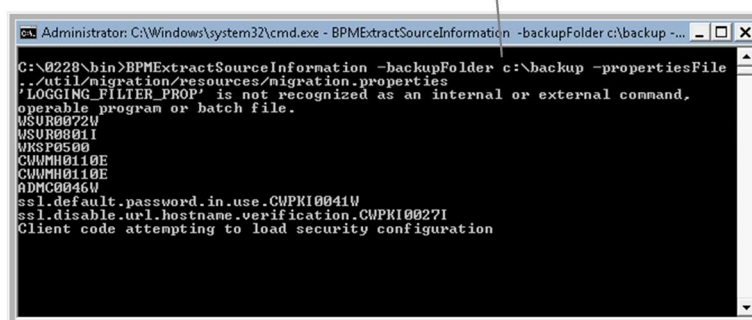
© 2013 IBM Corporation

The next step is to start the plan by creating the target environment. First, create a BPMConfig properties file, and then use the BPMConfig command, as described in the Configuration portion of this presentation, to configure the target migration environment. Refer to the instructions on the sample files provided in INSTALL/BPM/samples/config/migration folder for your specific scenario. The sample file instructions explain in detail which database configuration maps to which one in the target BPMConfig properties file. The file that you generate with the BPMExtractDBConfiguration command is used as a reference to configure the target BPMConfig properties file.

Execute the plan - 3. Backup source environment

Step 9:

- (WPS/Advanced) Stop applications
- Create a copy of source environment configuration using command `BPMExtractSourceInformation`



```
Administrator: C:\Windows\system32\cmd.exe - BPMExtractSourceInformation -backupFolder c:\backup -...
C:\0228\bin>BPMExtractSourceInformation -backupFolder c:\backup -propertiesFile
..\util\migration/resources/migration.properties
'LOGGING_FILTER_PROP' is not recognized as an internal or external command,
operable program or batch file.
WSUR0072W
WSR0001I
WKS P0500
CWMH0110E
CWMH0110E
ADMC0046W
ssl.default.password.in.use.CWPKI0041W
ssl.disable.url.hostname.verification.CWPKI0027I
Client code attempting to load security configuration
```

After creating the target environment, it is necessary to backup the source environment. The `BPMExtractSourceInformation` command uses the same `migration.properties` file that was used for the `BPMExtractDBConfiguration` command. It extracts the needed SIB messages from SIB queues and any business level applications (BLA) or applications that have to be carried forward to the target environment. The applications are carried forward only for WebSphere Process Server or IBM Business Process Manager Advanced source environments. The IBM Business Process Manager Standard environment does not have any such applications.

The `BPMExtractSourceInformation` command copies performance and security configuration that is used when you configure the target environment.

Execute the plan - 4. Upgrade databases (1 of 2)

Step 6: Shut down the source environment.

Step 7: Backup database from source version.

```

Select Administrator: C:\Windows\system32\cmd.exe
C:\0228\bin>BPMGenerateUpgradeSchemaScripts -sourceVersion 8.5.0.0 -profileName
DegrProfile
CUMCO892901: Information is being logged to the C:\0228\profiles\DegrProfile\logs
\BPMGenerateUpgradeSchemaScripts_upgrade_Mar-06-15_12-12-PEI-2013.log File.
CUMCO89311: The BMC component is configured for the CUMDB.DB2ADMIN database.
CUMCO89711: Do you want to generate scripts? Y/N
Y
CUMCO89811: Is the platform for the DB2 database z/OS? Y/N
N
CUMCO89311: The scripts generated successfully and are in the C:\0228\profiles\D
egrProfile\dbscripts\upgrade\De1\DB2\CUMDB.DB2ADMIN directory.
CUMCO89611: The BPM_PerformanceDW component is configured for the PDWDB database
CUMCO89711: Do you want to generate scripts? Y/N
Y
CUMCO89811: Is the platform for the DB2 database z/OS? Y/N
N
CUMCO89311: The scripts generated successfully and are in the C:\0228\profiles\D
egrProfile\dbscripts\upgrade\De1\DB2\FDMDDB directory.
CUMCO89611: The BPM_ProcessServer component is configured for the BPMDB database
CUMCO89711: Do you want to generate scripts? Y/N
Y
CUMCO89811: Is the platform for the DB2 database z/OS? Y/N
N
CUMCO89311: The scripts generated successfully and are in the C:\0228\profiles\D
egrProfile\dbscripts\upgrade\De1\DB2\BPMDB directory.
CUMCO891911: The command BPMGenerateUpgradeSchemaScripts completed successfully.
C:\0228\bin>
  
```

Step 8: Generate upgrade schema files using command `BPMGenerateUpgrgradeSchemaScripts`.

Continue with the migration plan, the next step is to upgrade the databases. First, shut down the source environment and then backup the database from the source version. Then, the `BPMGenerateUpgrgradeSchemaScripts` command generates specialized scripts for a specific migration path. It uses the source product type and version to identify the exact set of database changes that must be made to the source database to bring it up to the version 8.5 level.

Execute the plan - 4. Upgrade databases (2 of 2)

Step 9: Upgrade the database schema using generated SQL files.

Step 10: Upgrade the instance data and load new versions of core toolkits using command DBUpgrade.

```
[root@localhost bin]# ./DBUpgrade.sh -backupFolder /opt/751Snapshot -profileName DmgrProfile -nodeName Node1 -serverName Node1Server1

IBM Business Process Manager 8.5.0 Upgrade

Executing Command: ./DBUpgrade.sh -backupFolder /opt/751Snapshot -profileName DmgrProfile -nodeName Node1 -serverName Node1Server1

Loading environment settings
Migration logs are saved under /opt/BPM85/profiles/DmgrProfile/logs.
Loading process server database info using JNDI jdbc/TeamWorksDB...
Loading performance database info using JNDI jdbc/PerformanceDB...
Process Server database is detected
Loading BPC database info using JNDI jdbc/BPEDB...
Loading common database info using JNDI jdbc/WPSDB...
BPC database is detected

This action will permanently modify the data in your database (BPMDBWL, POWDBWL)
! It is critical that you perform a backup of the database so that it can be restored if errors occur during the upgrade. Please confirm that the database has been backed up before continuing with the upgrade.
Please input [y/n]:
```

Another database upgrade is to upgrade both database schema using generated SQL files and component databases using individual scripts for components like BPC, Business Space and IBM Business Process Manager Process Server.

Execute the plan - 5. Migrate target environment

Step 11:

- Start target environment.
- Copy 100CustomMigrated.xml file from backup to target environment

Step 12: Upgrade migration.properties
For target environment.

Step 13: Migrate applications and customizations to target environment using BPMMigrate command.

```

# 3. To run the following commands in the source environment, edit the properties for the source
environment:
# otherwise, edit the properties for the target environment:
# --BPMSmanageApplications
#
# admin.username:
#   The user who is authorized to connect to the deployment manager server or stand-alone
server through a SOAP connection
# admin.password:
#   The password of the user who connects to the deployment manager server or stand-alone
server through a SOAP connection
# bpm.home:
#   The installation root of the BPM product
# profile.name:
#   The name of the deployment manager profile in a network deployment environment or the
name
#   of the stand-alone profile in a stand-alone environment
# ltpa.password:
#   The password that is used to export and import the LTPA keys; by default, this password
is WehAB
#-----
[root@localhost bin]# ./BPMMigrate.sh -backupFolder /opt/7515Snapshot -propertiesFile /opt
-----
admin.us: BPMS5/util/migration/resources/config.properties
admin.pw: W5V1R0572W
bpm.home: ADMK0046W
profile.n: ssl.default.password.in.use:CPMK10041W
ltpa.pas: ssl.disable.url.hostname.verification:CPMK10027I
Client code attempting to load security configuration
A retry of the request may need to occur if the socket times out while waiting for a pro
t response. If the retry is required, note that the prompt will not be redisplayed if
is entered, which indicates the signer has already been added to the trust store.
Client code attempting to load security configuration
CWC010031: Start to migrate snapshot to target environment.
CWC020071: Start to Import LTPA key to target environment.
CWC030081: Import of LTPA key was done successfully.
CWC040091: Start to migrate applications to target environment.
DmgrProfile configURI = /opt/BPMS5/profiles/dmgrProfile/config.
Name is SchedulerTestApp.ear
Name is MPM_PredefinedTasks_V7510_PSDE.AppTarget.ear
Name is SCACallbackCallerApp.ear
Name is SCACallbackTestApp.ear
Name is JMSBindingCallerApp.ear
Name is JMSBindingCalleeApp.ear
Name is MPM_PredefinedTasks_V7510_PSDE.AppTarget.ear
CWC040141: There are 7 applications will be migrated.
  
```

Now it is time to migrate the target environment. Start the target environment and copy the 100Custom.xml file from the backup to the target environment. Prepare the migration properties file for the target environment and run the BPMMigrate command, which migrates the applications for WebSphere Process Server style components, takes care of initializing security related configuration and then applies customizations from the 100Custom.xml file.

Execute the plan - 6. Post migration tasks

Step 14: Apply performance tuning customizations on target if needed. These are extracted from source saved in backup folder.

Step 15: Restart the target environment so new migrated configuration takes effect.

Step 16: Regression test the migrated environment.

Once you have successfully migrated the target environment, your migration is now complete. You can optionally apply performance tuning customizations such as JVM tuning configuration, connection pool settings, and so on, on the target as needed. These are extracted from the source saved in the backup folder. Restart the target environment so the new migrated configuration takes effect. Your objective is to create a migration environment that is as close to the production environment as possible. Make sure in regression testing that all the migrated applications continue to work successfully.

Troubleshooting

- BPMCreateRemoteMigrationUtilities
 - Log messages printed on command line
- BPMManageApplications, BPMPExtractDBConfiguration
- Same machine <Install_Root>/logs/migration
 - Remote <RemoteMigrationUtilDir>/logs/manageProfiles
- BPMPExtractSourceInformation
 - -backupFolder specified <backup_folder>/logs
 - ELSE
 - Same machine <Install_Root>/logs/migration
 - Remote <RemoteMigrationUtilDir>/logs/manageProfiles
- BPMGenerateUpgradeSchemaScripts, DBUpgrade
 - <Profile_Root>/logs
- BPMMigrate
 - <backup_folder>/logs

Here is a slide providing details on some of the troubleshooting tips that you can find during the migration.



Section

Summary

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What is new in IBM Business Process Manager V8.5 Migration

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This section provides a summary about what is new in IBM Business Process Manager V8.5 migration.

Summary

- Introduced common migration patterns for both IBM BPM V8.5 Standard and Advanced
- Described migration steps by steps
- Provided some troubleshooting guidelines during the migration procedure

In summary, you have been introduced to and learned about common migration patterns and how it can be used to migrate to IBM Business Process Manager V8.5 Standard and Advanced. You also learned about typical migration steps that typically takes place during migration. Last but not least, you have learned some troubleshooting tips to consider during the migration procedure.

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