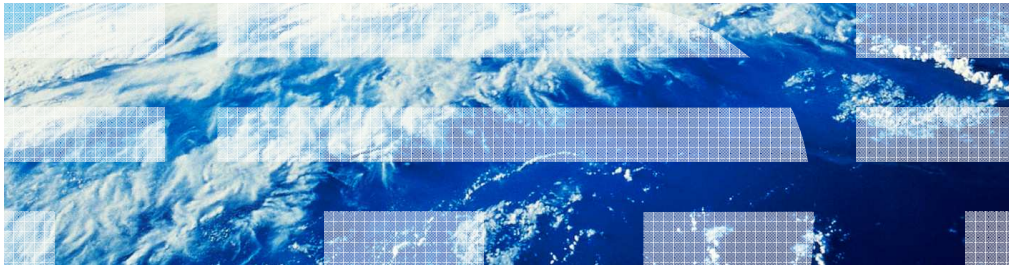


WebSphere Partner Gateway V6.2.1

Migrating profiles to WebSphere Application Server V7 using the migration wizard



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The purpose of this presentation is to show how WebSphere Partner Gateway and deployment manager profiles, originally created on WebSphere Application Server V6.1.0, can be migrated to WebSphere Application Server V7 using the migration wizards.

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This presentation covers stopping the WebSphere Partner Gateway servers in WebSphere Application Server V6.1, backing up the deployment manager profile on version 6.1 and creating the same on version 7 using the wizard.

Then you will see how to migrate the deployment manager profile, start the deployment manager, and synchronize the node. Next will be backing up the hub profile on the application server version 6.1 and creating the same on version 7 using the wizard. Finally, you will see how to migrate the hub profile and start the hub server.

Stop WebSphere Partner Gateway servers in WebSphere Application Server V6.1.0 environment

- Stop the WebSphere Partner Gateway servers
- Stop the bcgmas
- Stop the node
- Stop the deployment manager

```

C:\Documents and Settings\Administrator>C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\
Profiles\bcgprofile_620_SDM\bin\stopServer.bat bcgserver
ADMU01161: Tool information is being logged in file
C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\Profiles\bcgprofile_620_SDM\l
ogs\bcgserver\stopServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: bcgserver
ADMU32011: Server stop request issued. Waiting for stop status.
ADMU40001: Server bcgserver stop completed.

C:\Documents and Settings\Administrator>C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\
Profiles\bcgprofile_620_SDM\bin\stopServer.bat bcgmas
ADMU01161: Tool information is being logged in file
C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\Profiles\bcgprofile_620_SDM\l
ogs\bcgmas\stopServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: bcgmas
ADMU32011: Server stop request issued. Waiting for stop status.
ADMU40001: Server bcgmas stop completed.

C:\Documents and Settings\Administrator>C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\
Profiles\bcgprofile_620_SDM\bin\stopNode.bat
ADMU01161: Tool information is being logged in file
C:\IBM\WPG\620\SDM\bcghub-distrib\wasND\Profiles\bcgprofile_620_SDM\l
ogs\nodeagent\stopServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: nodeagent
ADMU32011: Server stop request issued. Waiting for stop status.
ADMU40001: Server nodeagent stop completed.

C:\Documents and Settings\Administrator>C:\IBM\WPG\620\SDM\bcghub-dmgr\wasND\Pro
files\bcgdmgr\bin\stopServer.bat bcgdmgr
ADMU01161: Tool information is being logged in file
C:\IBM\WPG\620\SDM\bcghub-dmgr\wasND\Profiles\bcgdmgr\logs\bcgdmgr\st
opServer.log
ADMU01281: Starting tool with the bcgdmgr profile
ADMU31001: Reading configuration for server: bcgdmgr
ADMU32011: Server stop request issued. Waiting for stop status.
ADMU40001: Server bcgdmgr stop completed.

C:\Documents and Settings\Administrator>_

```

Before migrating the profiles you need to stop the Partner Gateway servers.

You can stop the Gateway servers using the WebSphere Application Server administrative console by going to Servers -> Application Servers. Or you can use the command line and run “stopServer.bat (or .sh) servername”, from the Hub_Profile_Root/bin directory.

For example in a simple distributed mode environment you run the command: stopServer.bat bcgserver.

For a fully distributed environment, stop the WebSphere Partner Gateway clusters in this order: bcgreceiver, bcgdocmgr, and then bcgconsole.

For example to stop the bcgreceiver cluster, run the command: stopServer.bat bcgreceiver

For a simple mode environment, run stopServer.bat server1

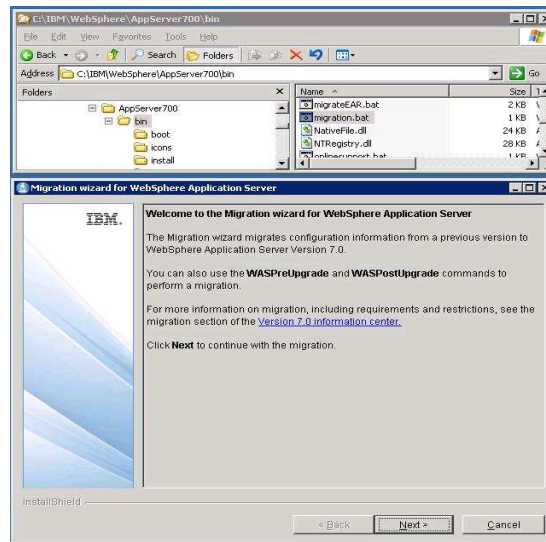
After stopping the WebSphere Partner Gateway servers, the next step is to stop the bcgmas server. You do this with stopServer.bat bcgmas from the Hub_Profile_Root/bin directory.

Once all servers are stopped, stop the node agent with stopNode.bat from the Profile_Root/bin directory.

After the node agent is stopped, stop the deployment manager, using stopServer.bat bcgdmgr from the Dmgr_Profile_Root/bin directory.

Migration wizard: Welcome panel

- From the WebSphere Application Server V7 installation path, “bin” folder, launch the “migration” script.
- From the “Welcome” screen, click Next



To start the migration wizard, launch the migration.bat from the WAS7_install_Directory/bin directory.

Another way to start the migration wizard is from the First Steps window, which can be launched by running firststeps.bat from the WAS7_Install_Dir/firststeps directory.

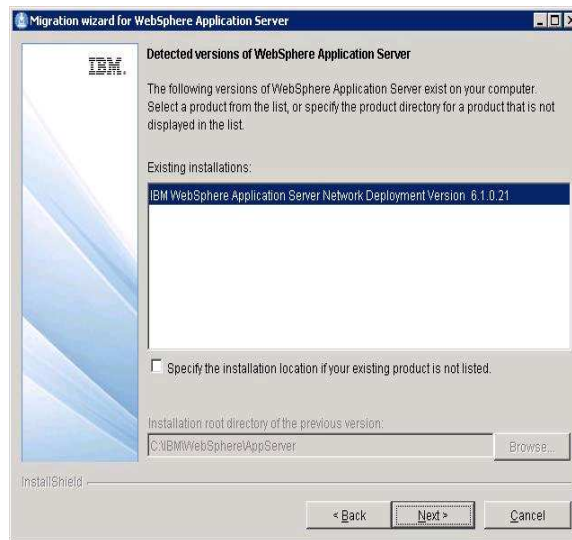
After starting the migration wizard click next on the Welcome panel.

Deployment manager profile migration

The first profile to be migrated will be the deployment manager profile.

Migration wizard: Existing version detection

- From the “Existing version detection” panel, select the installation to be migrated
- Click Next



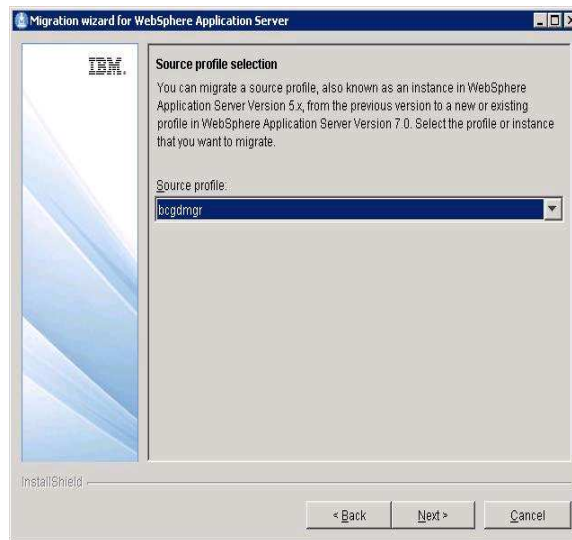
From the existing version detection window select the installation to be migrated.

If the existing installation is not detected, check the box beside the ‘Specify the installation location if your existing product is not listed’, then browse for the location.

Once the product is selected, click next.

Migration wizard: Source profile selection

- From the “Source profile selection” panel, select the source profile (for example, the deployment manager profile) to be migrated
- Click Next

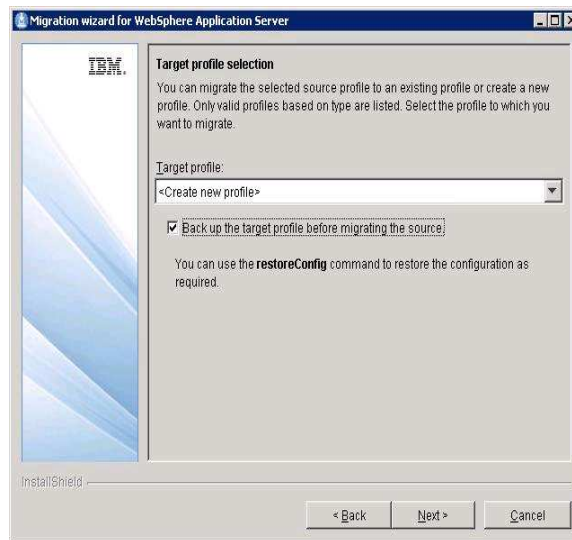


From the source profile selection panel select the deployment manager profile from the drop-down.

Click Next.

Migration wizard: Target profile selection

- From the “Target profile selection” panel, select the <Create new profile> entry and check the box to “back up the target profile before migrating the source”
- Click Next

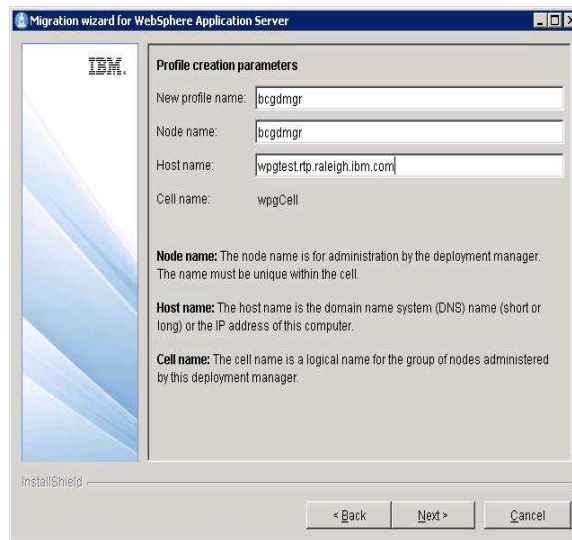


From the target profile selection panel, select “Create new profile” from the pull-down, and select “backup the target profile before migrating the source.”

Click Next.

Migration wizard: Profile creation parameters

- From the “Profile creation parameters” panel, enter the names of the new:
 - Profile
 - Node
 - Host
 - Cell
- Click Next



The screenshot shows a window titled "Migration wizard for WebSphere Application Server". The main panel is titled "Profile creation parameters" and contains the following fields and text:

- New profile name:
- Node name:
- Host name:
- Cell name:

Below the fields, there are three explanatory paragraphs:

- Node name:** The node name is for administration by the deployment manager. The name must be unique within the cell.
- Host name:** The host name is the domain name system (DNS) name (short or long) or the IP address of this computer.
- Cell name:** The cell name is a logical name for the group of nodes administered by this deployment manager.

At the bottom of the window, there are three buttons: "< Back", "Next >", and "Cancel". The "InstallShield" logo is visible in the bottom left corner of the window.

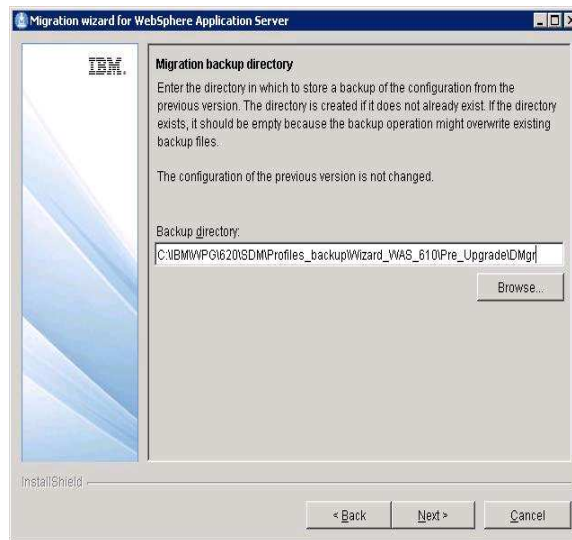
From the profile creation parameters panel, provide the values for the new profile, node, host and cell.

The cell name should stay the same as the source profile.

Click Next.

Migration wizard: Migration backup directory

- From the “Migration backup directory” panel, enter the path where the WebSphere Application Server V6.1.0 deployment manager profile information will be saved
- Click Next

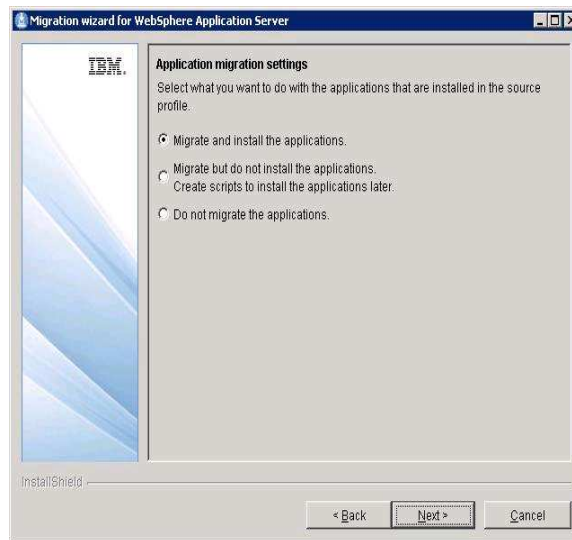


From the migration backup directory panel, enter the path where you want the WebSphere Application Server V6.1 deployment manager profile information to be saved. If the directory does not exist it will be created.

Click Next.

Migration wizard: Application migration settings (1 of 2)

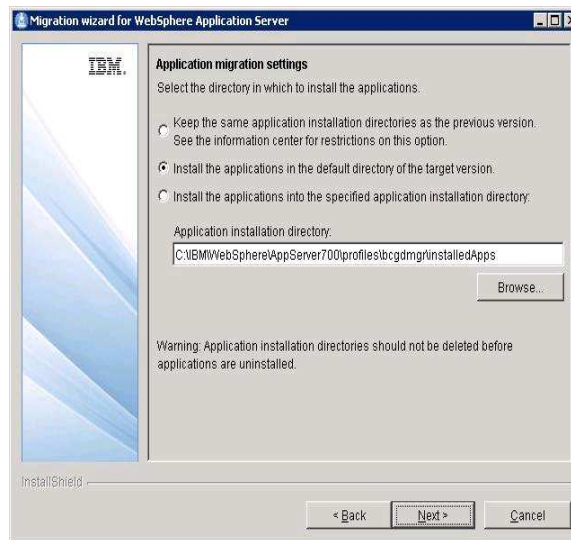
- From the “Application migration settings” panel, select “Migrate and install the application”
- Click Next



From the application migration settings panel, select “Migrate and install the application.”
Click Next.

Migration wizard: Application migration settings (2 of 2)

- From the “Application migration settings” panel, select “Install the applications in the default directory of the target version”
- Click Next



In the next application migration settings panel, select “Install the applications in the default directory of the target version”.

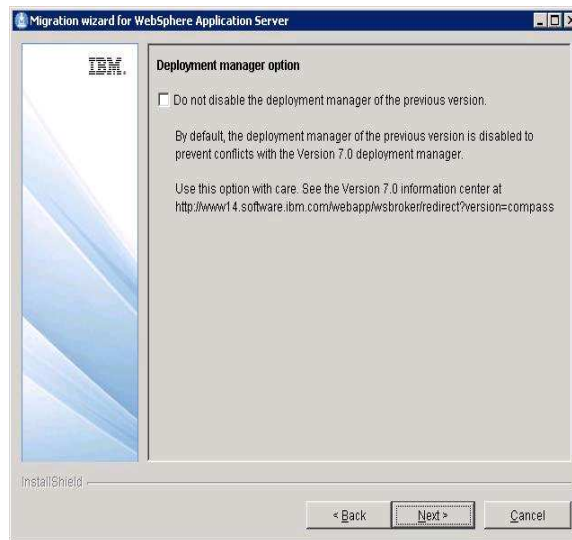
Note: With this option, the WebSphere Partner Gateway deployment manager code is now distributed over two different directories: <WPG_DMGR_INSTALL_PATH> and <WAS7_INSTALL_PATH>

If you want to only distribute in one directory then select “Install the applications into the specified application installation directory” and then for example use <WPG_DMGR_INSTALL_PATH>\was7 (whereas, for WebSphere Application Server 6.1 the path is <WPG_DMGR_INSTALL_PATH>\wasND)

Click Next.

Migration wizard: Deployment manager option

- From the “Deployment manager option” panel, leave the “Do not disable the Deployment manager of the previous version” box unchecked
- Click Next

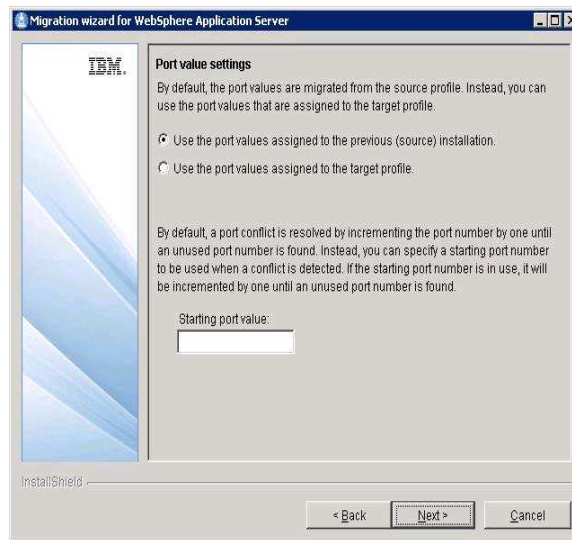


From the deployment manager option panel, leave the “Do not disable the Deployment manager of the previous version” box unselected.

Click Next.

Migration wizard: Port value settings

- From the “Port value settings“ panel, select “Use the port values assigned to the previous (source) installation”
- Click Next

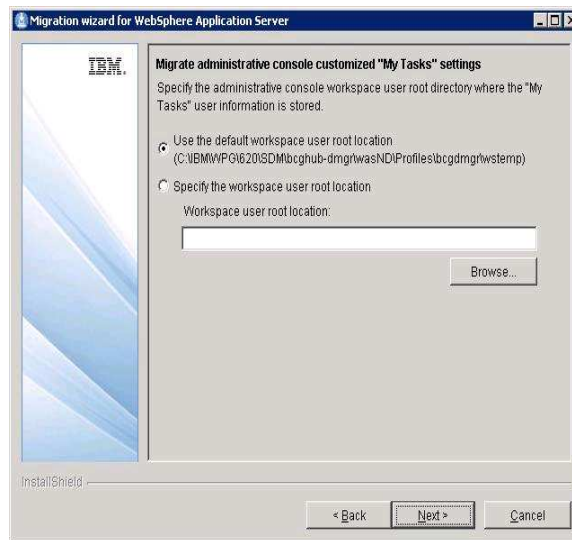


From the port value settings panel, select “Use the port values assigned to the previous (source) installation.”

Click Next.

Migration wizard: Migrate custom settings (1 of 2)

- From the “Migrate administrative console customized ‘My Tasks’ settings” panel, select to use the default workspace user root location
- Click Next



From the migrate administrative console customized ‘My Tasks’ settings panel, select “Use the default workspace user root location.”

Click Next.

Migration wizard: Migrate custom settings (2 of 2)

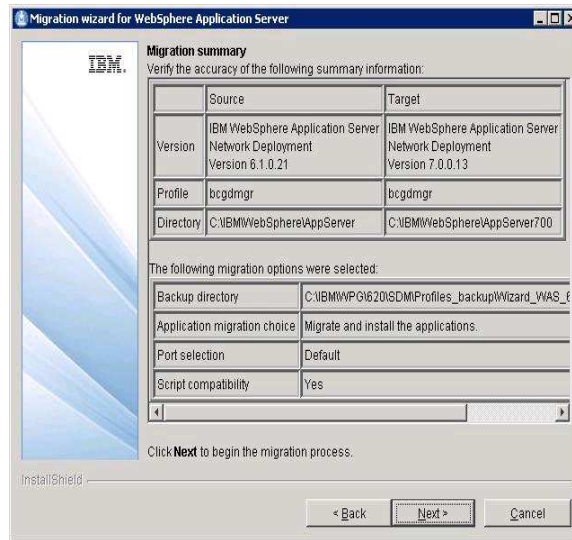
- From the “Additional migration option” panel, select “Migrate to support script compatibility”
- Click Next



From the additional migration option panel, select “Migrate to support script compatibility”. Click Next.

Migration wizard: Migration summary

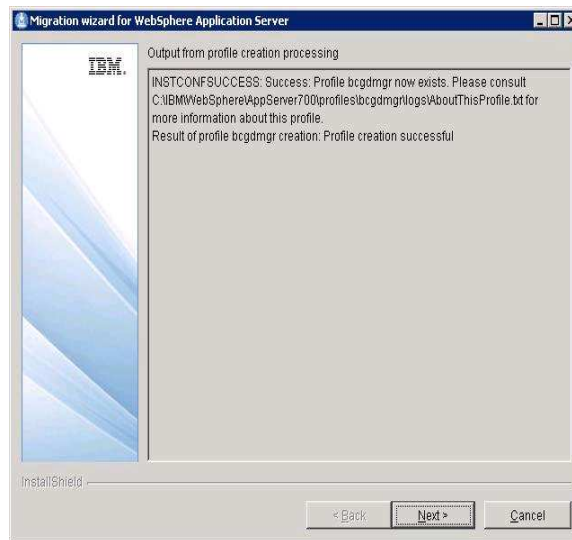
- From the “Migration summary” panel, Review the values entered in the previous panels. If needed navigate back to update your selections
- Click Next



From the migration summary panel, review the values entered from the previous panels. If needed, navigate back to update your selections by clicking on the back button.
Click Next.

Migration wizard: Profile creation output (1 of 4)

- From the “Output from profile creation processing” panel, verify the operation successful completion, or check the output log file for additional information
- Click Next

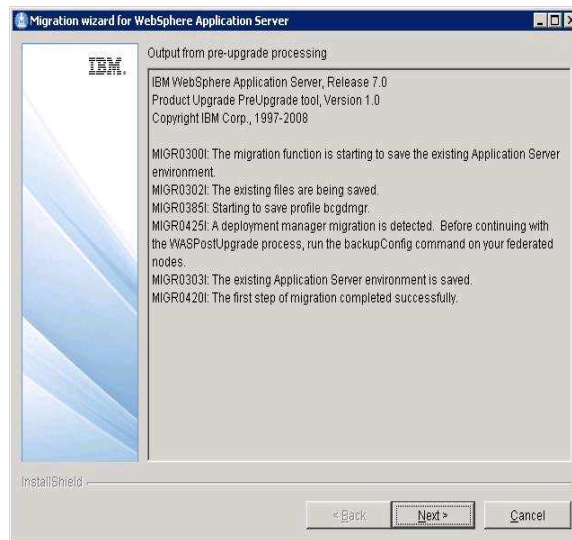


In the Output from profile creation processing panel, verify that the operation completed successfully. Check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (2 of 4)

- From the “Output from pre-upgrade processing” panel, verify the operation successful completion, or check the output log file for additional information
- Click Next

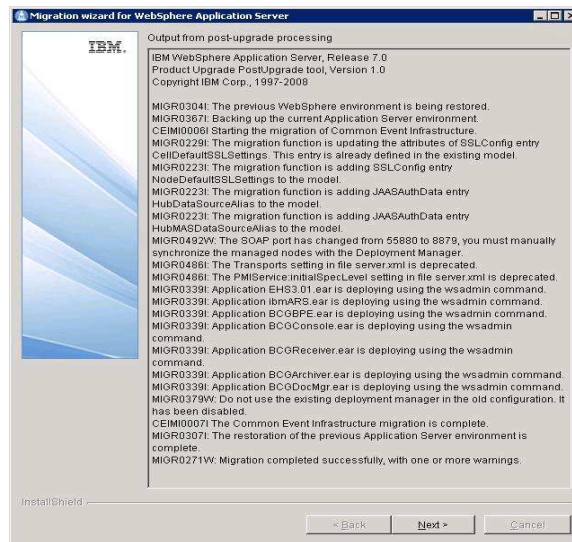


In the output from pre-upgrade processing panel, verify that the operation completed successfully. Check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (3 of 4)

- From the “Output from post-upgrade processing” panel, verify the operation successful completion, or check the output log file for additional information
- Click Next

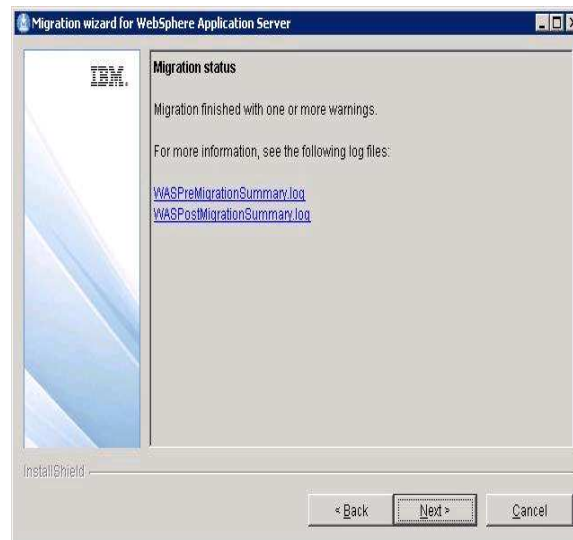


In the output from post-upgrade processing panel, again verify successful completion. Check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (4 of 4)

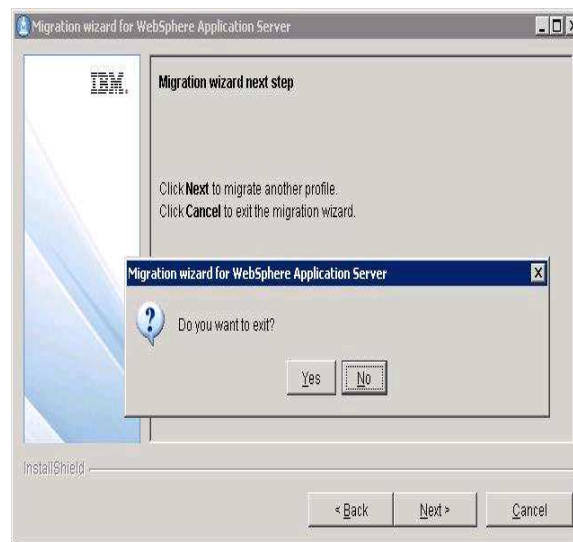
- From the “Migration status” panel, verify the operation successful completion, or check the output log file for additional information
- Click Next



In the migration status panel, verify successful completion or check the logs.
Click Next.

Migration wizard: Migration wizard next step

- Click “Yes” to exit the wizard and run the script to complete the migration of the deployment manager profile



From the migration wizard next step panel, click Cancel and then click Yes to exit the wizard.

Post wizard actions: bcgDMgrMigrate

- Run bcgDMgrMigrate script from
 - <WPG_DMGr_home>/bin
 - bcgDmgrMigrate.bat
 - <WPG_DMGR_HOME>
 - <WASv7_HOME>
 - <WPG_WASv7_PROFILE_HOME>
 - <PROFILE_NAME> <NODENAME>
 - **For example,**
 - bcgDmgrMigrate.bat "C:\Program Files\IBM\bcg\hub-dmgr"
 - "C:\Program Files\IBM\WebSphere\AppServer7"
 - "C:\Program Files\IBM\WebSphere\AppServer7\profiles"
 - "bcgdmgr" "bcgdmgr".
- Start the deployment manager

```

Microsoft Windows [Version 5.2.3798]
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator>C:\IBM\WPGv620\SDM\bcg\hub-dmgr\bin\bcgdmgr
migrate.bat "C:\IBM\WPGv620\SDM\bcg\hub-dmgr" "C:\IBM\WebSphere\AppServer7\908" "
C:\IBM\WebSphere\AppServer7\908\profiles" "bcgdmgr" "bcgdmgr"
WAS73571: By request, this scripting client is not connected to any server proc
ess. Certain configuration and application operations will be available in local
mode.
WAS73831: The following options are passed to the scripting environment and are
available as arguments that are stored in the argv variable: "bcgdmgr",
modifying the ports for the end points is complete
Deleted the server bcgdmgr reference
Backup of file "C:\IBM\WPGv620\SDM\bcg\hub-dmgr\bin\bcgSetupCmdLine.bat" is suc
cessfully done
1 file(s) copied.
'ReplaceStringInFile' is not recognized as an internal or external command,
operable program or batch file.
1 file(s) copied.
Backup of "C:\WINNT\System32\MPG\InstalledComponents.conf" is successfully done
1 file(s) copied.
"C:\WINNT\System32\MPG\InstalledComponents.conf" is been changed for WAS v7 migra
tion
1 file(s) copied.
Backup of "C:\IBM\WPGv620\SDM\bcg\hub-dmgr\FirstSteps\iot\lib\wppilot.jar" is suc
cessfully done
1 file(s) copied.
iot.jar for WAS v7 is copied successfully
1 file(s) copied.
Backup for "C:\IBM\WPGv620\SDM\bcg\hub-dmgr\FirstSteps\iot\bin\LaunchIUT.bat" is
successfully done
1 file(s) copied.
bcgDmgrMigrate script has run successfully
C:\Documents and Settings\Administrator>

C:\Documents and Settings\Administrator>C:\IBM\WebSphere\AppServer7\908\profiles\
bcgdmgr\bin\startServer.bat dmgr
01M01161: Tool information is being logged in file
C:\IBM\WebSphere\AppServer7\908\profiles\bcgdmgr\logs\dmgr\startServer.
log
01M01281: Starting tool with the bcgdmgr profile
01M02380: Reading configuration for server: dmgr
01M02380: Server launched. Waiting for initialization status.
01M03080: Server dmgr open for e-business; process id is 1484
C:\Documents and Settings\Administrator>
  
```

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Migrating profiles to WebSphere Application Server V7 using the migration wizard

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After the wizard has completed successfully, go to the command line. From <WPG_DMGR_HOME>/bin, run bcgDmgrMigrate.bat for Windows or bcgDmgrMigrate.sh for UNIX.

For UNIX, the same command and parameters are used, except changing the slashes and the '.bat' to '.sh'


If there is an existing deployment manager that is not created by WebSphere Partner Gateway installer, then this step is not required. Start the deployment manager before you proceed to the next step.

To start the deployment manager, from the <NEW_DMGR_PROFILE_LOCATION>/bin directory, run startManager.sh for UNIX or startManager.bat for Windows and add the "dmgr" parameter.

Note: On UNIX login with the bcguser.

Post wizard actions: SyncNode

- WebSphere Application Server best practice:
 - Sync nodes



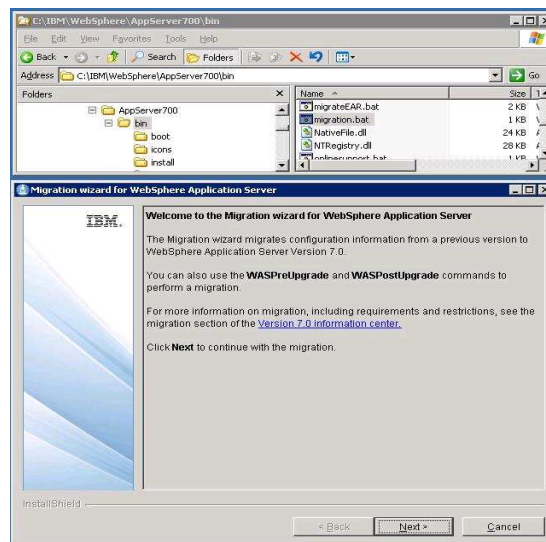
```
C:\Documents and Settings\Administrator> C:\IBM\PG\620\SDM\bcgqhub-distrib\wasND
\Profiles\bcgprofile_620_SDM\bin\syncNode.bat upgtest.rtp.raleigh.ibm.com 55880
ADM001161: Tool information is being logged in file
C:\IBM\PG\620\SDM\bcgqhub-distrib\wasND\Profiles\bcgprofile_620_SDM\
logs\syncNode.log
ADM001281: Starting tool with the bcgprofile_620_SDM profile
ADM004811: Begin syncNode operation for node
bcnode_upgtest.rtp.raleigh.ibm.com with Deployment Manager
upgtest.rtp.raleigh.ibm.com: 55880
ADM000161: Synchronizing configuration between node and cell.
ADM004821: The configuration for node bcnode_upgtest.rtp.raleigh.ibm.com has
been synchronized with Deployment Manager
upgtest.rtp.raleigh.ibm.com: 55880
C:\Documents and Settings\Administrator>
```

Run syncNode.bat for Windows or syncNode.sh for UNIX from
<WPG_Hub_HOME>/wasnd/profiles/bcgprofile_name/bin.

The parameters are: <DMGR HOSTNAME/DMGR-IPADDRESS> and <DMGR SOAP
PORT>.

Migration wizard: Welcome panel

- From the WebSphere Application Server 7 installation path, "bin" folder, launch the migration script
- From the "Welcome" screen, click Next



To start the Migration wizard, launch the migration.bat from the WAS7_install_Directory/bin directory.

Another way to start the Migration Wizard is from the First Steps window, which can be launched by running firststeps.bat from the WAS7_Install_Dir/firststeps directory.

After starting the Migration Wizard click next on the Welcome panel.

Hub profiles migration

The next step is to migrate the hub profiles. The steps in the following slides need to be performed for all nodes where the hub components are installed.

Migration wizard: Existing version detection

- From the “Existing version detection” panel, select the installation to be migrated
- Click Next



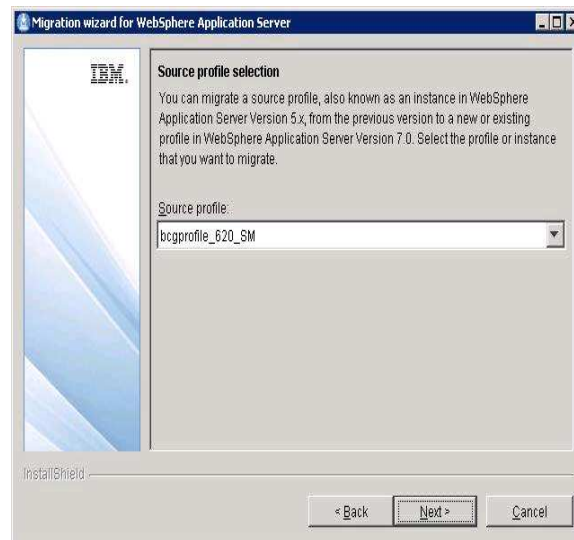
From the existing version detection window select the installation to be migrated.

If the existing installation is not detected then check the box beside the “Specify the installation location if your existing product is not listed,” then browse for the location.

Once the product is selected, click the next button.

Migration wizard: Source profile selection

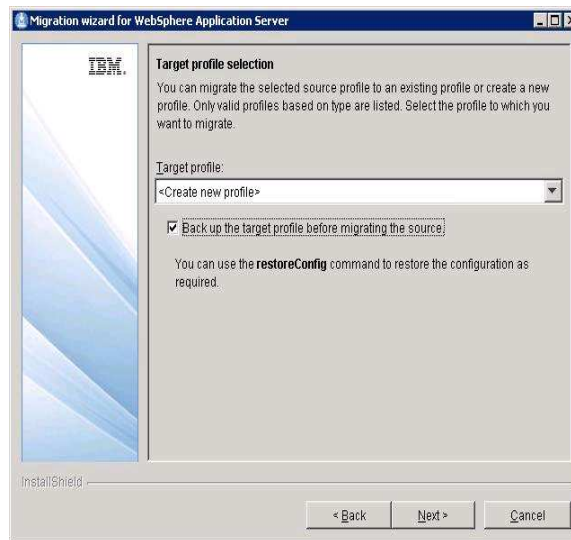
- From the “Source profile selection” panel, select the source profile (bcgprofile) to be migrated
- Click Next



From the Source profile selection panel select the “bcgprofile” profile from the drop-down. Click Next.

Migration wizard: Target profile selection

- From the “Target profile selection” panel, select the <Create new profile> entry and select “back up the target profile before migrating the source”
- Click Next



From the Target profile selection panel, select the “Create new profile” entry from the pull-down, and check the box to “backup the target profile before migrating the source.”
Click Next.

Migration wizard: Profile creation parameters

- From the “Profile creation parameters” panel, enter the names of the new:
 - Profile
 - Node
 - Host
- Click Next

Migration wizard for WebSphere Application Server

Profile creation parameters

New profile name:

Node name:

Host name:

Node name: The node name is for administration by the deployment manager. The name must be unique within the cell.

Host name: The host name is the domain name system (DNS) name (short or long) or the IP address of this computer.

InstallShield

< Back Next > Cancel

From the “Profile creation parameters” panel, provide the names for the new profile, node and host.

Click Next.

Migration wizard: Migration backup directory

- From the “Migration backup directory” panel, enter the path where the WebSphere Application Server V6.1 bcgprofile information will be saved
- Click Next



From the “Migration backup directory” panel, enter the path where you want the WAS 6.1 “bcgprofile” information to be saved.

If the directory does not exist it will be created.

Click Next.

Migration wizard: Application migration settings (1 of 2)

- From the application migration settings panel, select "Migrate and install the applications"
- Click Next



From the application migration settings panel, select "Migrate and install the applications" and click Next.

Migration wizard: Application migration settings (2 of 2)

- From the application migration settings panel, select "Install the applications in the default directory of the target version"
- Click Next



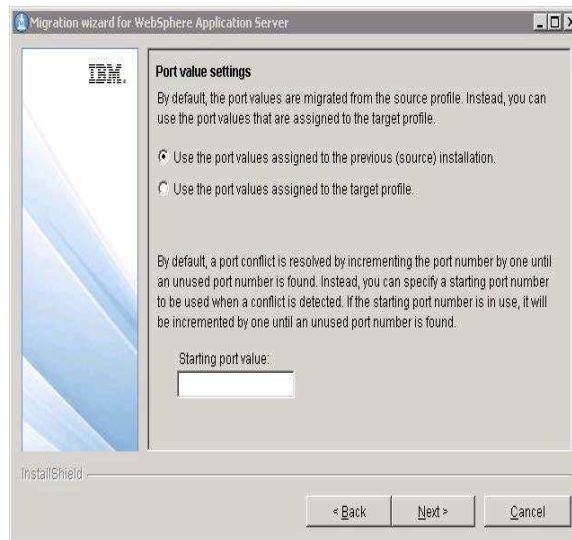
In the next “Application Migration settings” panel, select the “Install the applications in the default directory of the target version” radio button.

Note: With this option, the WebSphere Partner Gateway hub code is now distributed over two different directories. If you want to only distribute in one directory then select “Install the applications into the specified application installation directory” and then for example use <WPG_HUB_INSTALL_PATH>\was7 (whereas, for WebSphere Application Server V6.1 the directory is <WPG_HUB_INSTALL_PATH>wasND)

Then click next.

Migration wizard: Port value settings

- From the port value settings panel, select "Use the port values assigned to the previous (source) installation"
- Click Next

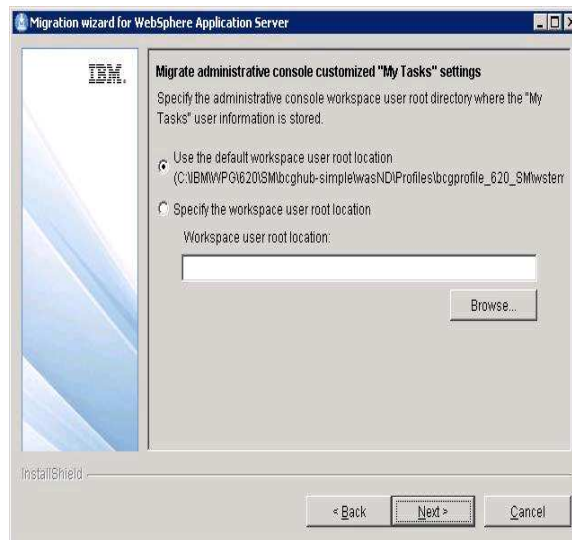


From the "Port value settings" panel, select the "Use the port values assigned to the previous (source) installation" radio button.

Click Next.

Migration wizard: Migrate custom settings (1 of 2)

- From the “Migrate administrative console customized ‘My Tasks’ settings” panel, select “Use the default workspace user root location”
- Click Next



From the “Migrate administrative console customized ‘My Tasks’ settings” panel, select to use the default workspace user root location radio button.

Click Next.

Migration wizard: Migrate custom settings (2 of 2)

- From the additional migration option panel, select “Migrate to support script compatibility”
- Click Next

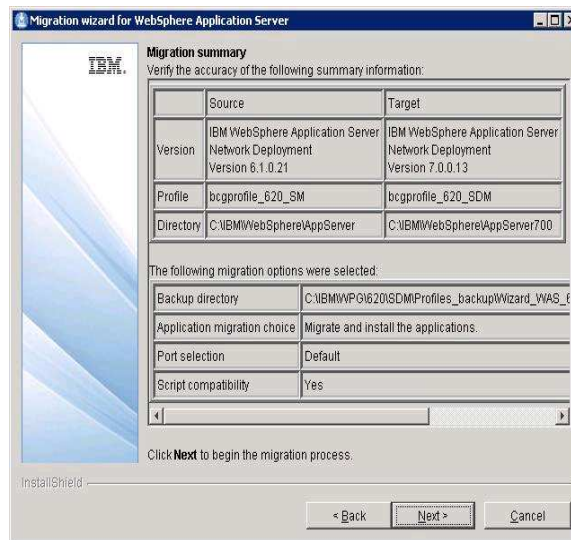


From the “Additional migration option“ panel, check the box to “Migrate to support script compatibility.”

Then click the next button

Migration wizard: Migration summary

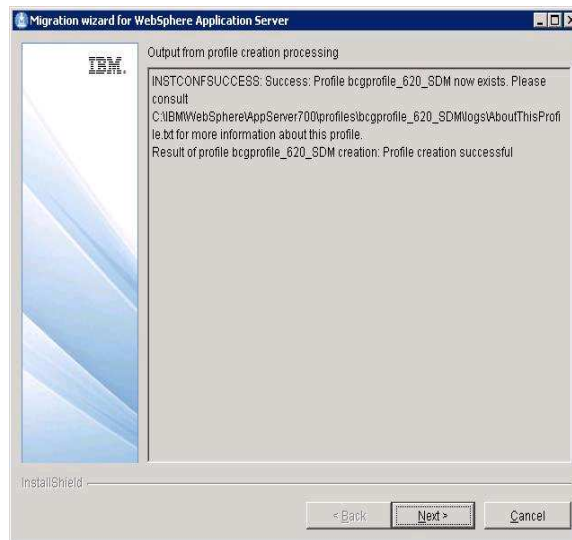
- From the “Migration summary” panel, Review the values entered in the previous panels. If needed, navigate back to update your selections
- Click Next



From the “Migration summary” panel, review the values entered in the previous panels. If needed, navigate back to update your selections by clicking on the back button. Click Next.

Migration wizard: Profile creation output (1 of 4)

- From the output from profile creation processing panel, verify that the operation completed successfully. Otherwise, check the output log file for additional information
- Click Next

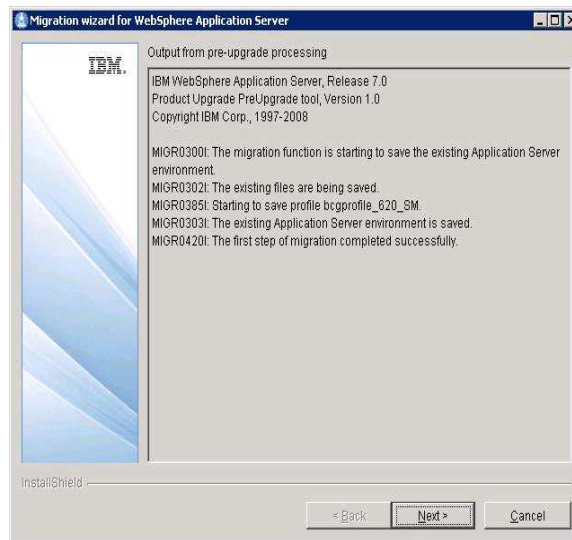


In the Output from profile creation processing panel, verify the operation successfully completed. Check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (2 of 4)

- From the output from pre-upgrade processing panel, verify the operation successful completion, else check the output log file for additional information
- Click Next

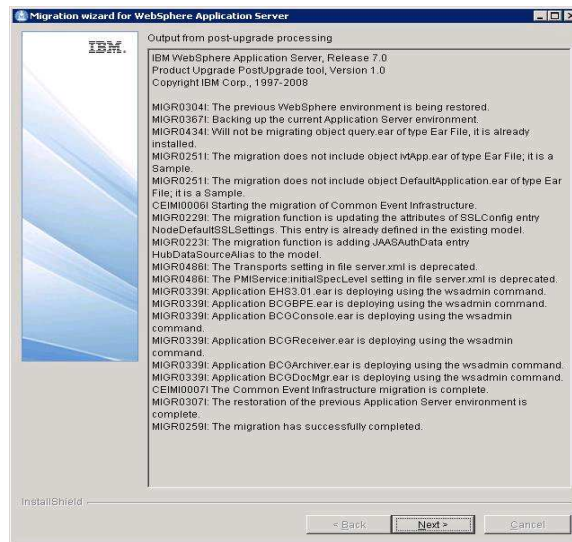


In the “Output from pre-upgrade processing” panel, verify the operation successful completion, and check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (3 of 4)

- From the output from post-upgrade processing panel, verify the operation successful completion, else check the output log file for additional information
- Click Next



In the “Output from post-upgrade processing“ panel, verify the operation successful completion, else check the output log file for additional information.

Click Next.

Migration wizard: Profile creation output (4 of 4)

- From the migration status panel, verify the operation successful completion, else check the output log file for additional information
- Click Next

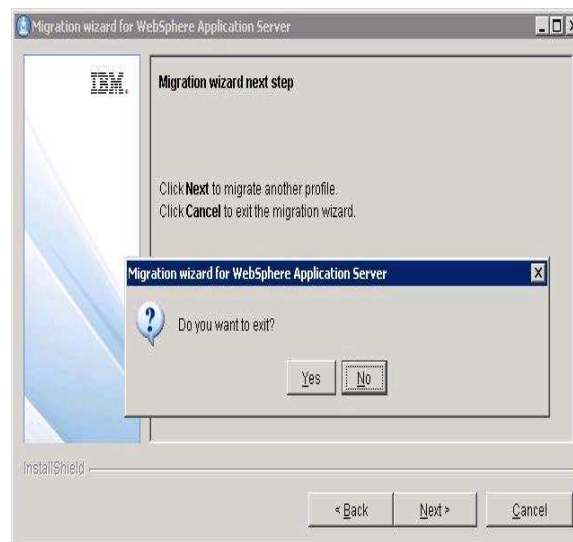


From the “Migration status” panel, verify the operation successful completion, else check the output log file for additional information.

Click Next.

Migration wizard: Migration wizard next step

- Click “Next” if you have additional hub profiles to migrate, or click “Cancel” to exit the migration wizard. Then click “Yes” to exit the migration wizard



From the “Migration wizard next step” panel, click “Next” if you have additional hub profiles to migrate, else click “Cancel” and then click “Yes” to exit the wizard.

In the next panel you will run the script to complete the migration of the hub profile.

Post wizard actions: bcgHubMigrate

- Run bcgHubMigrate script from
<WPG_Hub_home>/bin
- Run bcgHubMigrate.bat (or .sh for UNIX)
<WPG_HUB_HOME> <WASv7_HOME>
<WPG_WASv7_PROFILE_HOME>
<PROFILE_NAME>
For example: (Windows)
bcgHubMigrate.bat "C:\Program
Files\IBM\bcghub-distrib" "C:\Program
Files\IBM\WebSphere\AppServer7"
"C:\ProgramFiles\IBM\WebSphere\AppSer
ver7\profiles" "bcgprofile"

```

C:\Documents and Settings\Administrator>C:\IBM\WPG\620\SDM\bcghub-distrib\bin\bcgHubMigrate.bat "C:\IBM\WPG\620\SDM\bcghub-distrib" "C:\IBM\WebSphere\AppServer7\00" "C:\IBM\WebSphere\AppServer7\00\profiles" "bcgprofile_620_SDM"
1 file(s) copied.
backup of file "C:\IBM\WPG\620\SDM\bcghub-distrib\bin\bcgSetupCmdLine.bat" is successfully done
1 file(s) copied.
'ReplaceString' is not recognized as an internal or external command,
operable program or batch file.
1 file(s) copied.
backup of "C:\WINNT\system32\WPGInstalledComponents.conf" is successfully done
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
backup of "C:\IBM\WPG\620\SDM\bcghub-distrib\FirstSteps\ivt\lib\upgiut.jar" is successfully done
1 file(s) copied.
ivt jar for WAS_v7 is copied successfully
1 file(s) copied.
1 file(s) copied.
backup for "C:\IBM\WPG\620\SDM\bcghub-distrib\FirstSteps\ivt\bin\launchIUT.bat" is successfully done
1 file(s) done.
WAS473571: By request, this scripting client is not connected to any server process. Certain configuration and application operations will be available in local mode.
DataSource property update is complete
bcgHubMigrate script has run successfully
C:\Documents and Settings\Administrator>

```

From <WPG_HUB_HOME>/bin location, run bcgHubMigrate.bat for Windows or bcgHubMigrate.sh for UNIX.

Post wizard actions: SyncNode

- WebSphere Application Server best practice:
 - Sync nodes



```
C:\Documents and Settings\Administrator> C:\IBM\PG\620\SDM\bcghub-distrib\wasND
\Profiles\bcgprofile_620_SDM\bin\syncNode.bat upgtest.rtp.raleigh.ibm.com 55880
ADMU01161: Tool information is being logged in file
C:\IBM\PG\620\SDM\bcghub-distrib\wasND\Profiles\bcgprofile_620_SDM\
logs\syncNode.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU04011: Begin syncNode operation for node
bcgnode_upgtest.rtp.raleigh.ibm.com with Deployment Manager
upgtest.rtp.raleigh.ibm.com: 55880
ADMU00161: Synchronizing configuration between node and cell.
ADMU04021: The configuration for node bcgnode_upgtest.rtp.raleigh.ibm.com has
been synchronized with Deployment Manager
upgtest.rtp.raleigh.ibm.com: 55880

C:\Documents and Settings\Administrator>
```

Run syncNode.bat (or syncNode.sh in UNIX) from
<WPG_Hub_HOME>/wasnd/profiles/bcgprofile_name/bin.

The parameters are: <DMGR HOSTNAME/DMGR-IPADDRESS> and <DMGR SOAP
PORT>.

Start WebSphere Partner Gateway servers in WebSphere Application Server V7 environment

- Start the deployment manager (if not up yet)
- Start the Node
- Start the bcgmas
- Start the WebSphere Partner Gateway servers

```

Dmgr 700
ADMU01161: Tool information is being logged in file
C:\IBM\WebSphere\AppServer\700\profiles\bcgdmgr\logs\dmgr\startServer.
log
ADMU01281: Starting tool with the bcgdmgr profile
ADMU31001: Reading configuration for server: dmgr
ADMU32001: Server launched. Waiting for initialization status.
ADMU30001: Server dmgr open for e-business; process id is 5300

C:\IBM\WPG\artifacts\StartStopComponents\WPG\WPG_620\SDM\WAS_700\C:\IBM\WebSpher
e\AppServer\700\profiles\bcgprofile_620_SDM\bin\startNode.bat
ADMU01161: Tool information is being logged in file
C:\IBM\WebSphere\AppServer\700\profiles\bcgprofile_620_SDM\logs\nodeag
ent\startServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: nodeagent
ADMU32001: Server launched. Waiting for initialization status.
ADMU30001: Server nodeagent open for e-business; process id is 5568

C:\IBM\WPG\artifacts\StartStopComponents\WPG\WPG_620\SDM\WAS_700\C:\IBM\WebSpher
e\AppServer\700\profiles\bcgprofile_620_SDM\bin\startServer.bat bcgmas
ADMU01161: Tool information is being logged in file
C:\IBM\WebSphere\AppServer\700\profiles\bcgprofile_620_SDM\logs\bcgmas
\startServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: bcgmas
ADMU32001: Server launched. Waiting for initialization status.
ADMU30001: Server bcgmas open for e-business; process id is 4500

C:\IBM\WPG\artifacts\StartStopComponents\WPG\WPG_620\SDM\WAS_700\C:\IBM\WebSpher
e\AppServer\700\profiles\bcgprofile_620_SDM\bin\startServer.bat bcgserver
ADMU01161: Tool information is being logged in file
C:\IBM\WebSphere\AppServer\700\profiles\bcgprofile_620_SDM\logs\bcgser
ver\startServer.log
ADMU01281: Starting tool with the bcgprofile_620_SDM profile
ADMU31001: Reading configuration for server: bcgserver
ADMU32001: Server launched. Waiting for initialization status.
ADMU30001: Server bcgserver open for e-business; process id is 4852

C:\IBM\WPG\artifacts\StartStopComponents\WPG\WPG_620\SDM\WAS_700
  
```

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Migrating profiles to WebSphere Application Server V7 using the migration wizard

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If the Deployment Manager is not running yet, start the Deployment Manager by running the command `startServer.bat bcgdmgr` from the `New_Dmgr_Profile_Root/bin` directory.

After the Deployment Manager is running, then start the node with `startNode.bat` from the `New_BcgHub_Profile_Root/bin` directory.

Next start the `bcgmas` server by running `startServer.bat bcgmas` from the `New_BcgHub_Profile_Root/bin` directory.

Then start the WebSphere Partner Gateway servers by running the command `startServer.bat servername` from the `New_BcgHub_Profile_Root/bin` directory.

For a fully distributed environment, start the WebSphere Partner Gateway clusters in the order `bcgconsole`, `bcgdocmgr`, then `bcgreceiver`.

For a simple mode environment you would run: **`startServer.bat server1`**

References

- Installation and Migration Guide for WebSphere Partner Gateway V6.2.1
http://publib.boulder.ibm.com/infocenter/ieduasst/v1r1m0/topic/com.ibm.iea.wpg_v6/wpg/6.2.1/InstallationAndMigration/InstallationAndMigration.pdf
- WebSphere Application Server V7.0 information center documentation
http://publib.boulder.ibm.com/infocenter/wasinfo/v7r0/index.jsp?topic=/com.ibm.websphere.migration.nd.doc/info/ae/ae/tmig_wizto70dm.html
- Detailed steps to migrate WebSphere Partner Gateway 6.2.1 from WebSphere Application Server V6.1 to V7.0
<http://www-01.ibm.com/support/docview.wss?uid=swg21462226>
- Problem in starting WebSphere Partner Gateway applications on WebSphere Application Server Network Deployment V7
<http://www-01.ibm.com/support/docview.wss?uid=swg21589572>

Here are some reference links that can be used to assist in the profile migration:

The first link is a link to the Installation and Migration Guide for WebSphere Partner Gateway 6.2.1.

The second link is a link to the WebSphere Application Server V7.0 information center documentation.

The third link is a Technote that provides the detailed steps to Migrate the WebSphere Partner Gateway 6.2.1 profiles from WebSphere Application Server 6.1 to WebSphere Application Server 7.0.

The last link is a Technote describing an issue found with starting WebSphere Partner Gateway applications on WebSphere Application Server Network Deployment V7.

Summary

- Stopping WebSphere Partner Gateway servers
- Migrating deployment manager profile
- Migrating hub profile
- Starting WebSphere Partner Gateway servers

In summary, you have seen how to stop the WebSphere Partner Gateway servers, how to migrate the deployment manager profile using the migration wizard, how to migrate the hub profiles with the wizard, and how to start the servers using the new profiles.

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