Installing WebSphere Business Monitor V6.1 Basic installation

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What this exercise is about

The objective of this lab is to provide instructions for installing WebSphere Business Monitor V6.1 **Basic** in two different scenarios.

Scenario 1: Install Monitor Server and Web-based dashboards including Alphablox views, excluding the portlet-based dashboards with Derby as a database environment.

Scenario 2: A complete installation with Monitor Server, Web-based dashboards (excludes Alphablox views) and portlet-based dashboards including Alphablox views with DB2 as the database environment.

Lab requirements

List of system and software required for the student to complete the lab.

- WebSphere Business Monitor V6.1
- WebSphere Application Server V6.1.0.13
- WebSphere Portal Server V6.0.1.1
- DB2 ESE V8.2.6 fix pack 13 or V9.1
- Alphablox V9.5

What you should be able to do?

At the end of this lab you should be able to use the Monitor Launchpad to:

- Install WebSphere Application Server V6.1.0.13
- Install WebSphere Portal Server V6.0.1.1, if portlet-based dashboards with Alphablox views component is selected
- Install Alphablox V9.5
- Create MONITOR database
- Install WebSphere Business Monitor Server and web-based dashboards and optionally install Portletbased dashboards
- \rightarrow Optionally install DB2 ESE V8.2.6 or V9.1, for DB2 as a MONITOR database environment.

Exercise Instructions

Some instructions in this lab are Windows[®] operating-system specific. If you plan on running the lab on an operating-system other than Windows, you will need to run the appropriate commands, and use appropriate files (.sh or .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references, as follows:

Reference variable	Windows location	AIX [®] /UNIX [®] location
<was61_home></was61_home>	C:\IBM\WebSphere\Monitor	
<wbm_profile_home></wbm_profile_home>	<was61_home>\profiles\WBMon01</was61_home>	
<web_alphablox_home></web_alphablox_home>	<wbm_profile_home>\Alphablox_server1</wbm_profile_home>	
<db2_home></db2_home>	C:\IBM\SQLLIB	
<was602_home></was602_home>	C:\IBM\WebSphere\AppServer	
<wp_profile_home></wp_profile_home>	C:\IBM\WebSphere\wp_profile	
<portal_home></portal_home>	C:\IBM\WebSphere\PortalServer	
<portal_alphablox_home></portal_alphablox_home>	<wp_profile_home>\Alphablox</wp_profile_home>	

Windows users' note: When directory locations are passed as parameters to a Java[™] program such as EJBdeploy or wsadmin, it is necessary to replace the backslashes with forward slashes to follow the Java convention.

Introduction

WebSphere Business Monitor V6.1 Basic installation is used to install all the monitor components on a single machine. The Basic installation type is ideal for quick prototyping, proof of concepts, demonstrations and testing.

WebSphere Business Monitor V6.1 installation is made possible by using a Common Launchpad program that uses InstallShield Multiplatform installation program. The Common Launchpad provides initial help and launching pad for the installation program. The installation program is used to install the mandatory, optional prerequisites and the monitor server components.

The installation program supports multiple monitor profile instances on a single machine. WebSphere Application Server V6.1 is the only mandatory prerequisite for WebSphere Business Monitor V6.1 installation. In the 'Basic' installation type, the installation program does not support incremental installation, leveraging any existing prerequisite installations. The installation program installs the WebSphere Application Server V6.1 and silently uses the customized "Profile Management Tool (PMT)" to create and augment the WebSphere Business Monitor profiles, optionally installs WebSphere Portal Server if the portlet-based dashboards with Alphablox views component is selected. Note that the Alphablox views are not installed for web-based dashboards option is selected for installation.

WebSphere Business Monitor V6.1 installation supports Derby (Cloudscape V10), DB2 and Oracle for MONITOR database creation. An option to create a new or use an existing MONITOR database is provided depending on the database environment. Note that Derby database environment is not listed for selection if portlet-based dashboards with Alphablox views component is selected for installation.



Part 1: Preparing for the Monitor V6.1 Launchpad

In this section of the lab, the pre-requisite software will be obtained and extracted in such a way that an on-disk WebSphere Business Monitor V6.1 installation image is created.

Obtain the pre-requisite software and extract in such a way to create the correct on-disk structure for the Launchpad to run.

1. These are the installation archives needed to install the WebSphere Business Monitor V6.1

Product name	File name
WebSphere Business Monitor V6.1 Base Components for Windows 2003 (Monitor V61 Setup CD)	C186LEN.zip
WebSphere Application Server Network Deployment V6.1.0.13 for Windows	C187CML.zip
Alphablox V9.5 for Windows, AIX	C187GML.tar.gz
Information Center for Windows	IBM_Help_Win32.zip
DB2 Enterprise Server Edition V8.2.6 and V9.1 for Windows	ESE_v826.zip and ESE_v91.zip

____a. These are the installation files needed to install the WebSphere Portal Server V6.0

Product name		File name
WebSphere Portal V6.0.1.1 for Windows, AIX (Setu	up CD)	C186PML.tar.gz
WebSphere Portal V6.0.1.1 for Windows, AIX (disk	1 of 2)	C186QML.tar.gz
WebSphere Portal V6.0.1.1 for Windows, AIX (disk	2 of 2)	C186RML.tar.gz
WebSphere Portal V6.0.1.1 for Windows, AIX (Pers	sonalization)	C186SML.tar.gz
WebSphere Portal V6.0.1.1 for Windows (WebSphere Application Server Network Deployment 6.0.2.19)	ere	C186TML.zip
WebSphere Portal V6.0.1.1 for AIX (WebSphere Application Server Network Deployment 6.0.2.19)		C186UML.tar.gz
File to direct	ory mapping	
C186PML.tar.gz	setup	
C186QML.tar.gz base1		
C186RML.tar.gz base2		
C186SML.tar.gz base3		
C186TML.zip (windows) or C186UML.tar.gz (AIX)	was	

2. Download all the installation archives to a directory, for example : C:\MonitorDriversV61\

____ a. Extract all of the archives into a directory, for example, C:\CDimageV61\ to create an on-disk image and confirm that the directory structure was extracted correctly. It should appear similar to the picture shown below:



Note: Prerequisite image location and folder name:

Executables should be placed directly under the directories specified below, so that 'install.exe' or 'install.sh' can be silently launched. Adding 'subdirectories' will prevent successful completion.

Alphablox V9.5- <*Monitor_Install_Image_Directory*>\ABX\install.exe WebSphere Portal Server V6.0 - <*Monitor_Install_Image_Directory*>\WP\ WebSphere Application Server V6.1 - <*Monitor_Install_Image_Directory*>\WAS\

Part 2: Installing Monitor Server and Web-based dashboards including Alphablox views

Scenario 1: In this part of the lab, you will choose to install WebSphere Business Monitor Server V6.1 and light weight Web-based dashboards including Alphablox views, excluding the portlet-based dashboards. In this process you will be prompted to either create or use an existing MONITOR database. This scenario uses embedded Derby as a database environment. However you can use DB2 or Oracle as a database product, which must be installed as a pre-requisite. Note that Derby is not listed for selection as a database product if the portlet-based dashboards component is selected for installation.



In this WebSphere Business Monitor V6.1 installation scenario of type Basic, the InstallShield wizard installs the WebSphere Application Server V6.1 and silently uses the customized Profile Management Tool to create and augment the WebSphere Business Monitor stand-alone profile, installs Monitor Server, creates the MONITOR database in the embedded Derby database environment or the supported database environment you choose, installs and creates an Alphablox V9.5 instance, Web-based dashboards including Alphablox views and other monitor related components.

WebSphere Business Monitor V6.1 installation of type Basic, excluding portlet-based dashboards, supports Derby (Cloudscape V10), DB2 and Oracle for MONITOR database. If DB2 or Oracle is used as a database environment, the product must be installed and configured ready for the monitor installation program to create the MONITOR database. You can manually run the generated database scripts and create the MONITOR database after the installation is complete.

Prerequisite: If you plan to use DB2 server environment for MONITOR database, visit the DB2 information center to install and configure DB2 ESE V8.2 or V9.1.

Follow the instructions below to complete the WebSphere Business Monitor V6.1 Basic installation:

1. From the directory where all the pre-requisites and the Monitor driver are extracted (Ex:-C:\CDImageV61\), double click launchpad.exe to start the Common Launchpad program

🖆 Business Monitor 6.1	
WebSphere Business Monitor	
	Language selection: English 💌
Welcome	
Prerequisite Information	WebSphere Business Monitor Installation
Installation Diagrams	Before beginning the installation wizard, you can use the installation preparation utility - copy all presequisite software images that you need for the WebSphere Business Monity
Documentation	installation process. For additional information, see <u>Prerequisite Software</u> .
Migration Information	Launch the installation preparation wizard for WebSphere Business Monitor
WebSphere Business Monitor Installation	Use this utility to prepare your system for the WebSphere Business Monitor installation
Exit	The installation process of WebSphere [®] Business Monitor Version 6.1 is comprised of tv major tasks:
	 Installing WebSphere Business Monitor and optionally installing required prerequisite software.
	 Creating or augmenting a profile using the Profile Management Tool.
	Both tasks can be completed using the installation wizard for WebSphere Business Monitor.
	Launch the installation wizard for WebSphere Business Monitor Install WebSphere Business Monitor using the installation wizard

2. On the welcome screen, click the WebSphere Business Monitor Installation link in the left pane and then click the 'Launch the installation wizard for WebSphere Business Monitor' to right. This launches the WebSphere Business Monitor V6.1 InstallShield wizard

This wizard installs IBM WebSphere Business Monitor 6.1 on additional information about the installation process, see the Business Monitor information center.
Click Next to continue

- ____ 3. Click Next
- 4. In the next panel, read the license agreement. If you agree to the terms, select the radio button for 'I accept the both the IBM and the non-IBM terms'

- ____5. Click **Next**. The monitor installation program does an operating system prerequisite check and warns if the Operating System is not supported
- ___6. In the next panel, read the 'System prerequisite check' information

VebSohere software	System prerequisites check
	Passed: Your operating system completed the prerequisites check successfully.
	The installation wizard checks your system to determine whether a supported operating system is installed and whether the operating system has the appropriate service packs and patches.
	 Installations of WebSphere Application Server prior to Version 6.0 might not be found reliably.
	 Installations of WebSphere Application Server and WebSphere Business Monitor that are not registered with the operating system may not be found reliably.
	Click Next to continue the installation.

- 7. Click **Next** to continue
- ___8. In the next panel, select 'Basic Installation' as the Installation Type

ebSphere software	Installation type selection
	Select the type of installation that best suits your needs. Installation Types:
	Basic Installation
	Advanced Installation
	Description A basic installation will install all WebSphere Business Monitor components and required prerequisite software on one server. Optionally, you can install optional prerequisite software during a basic installation. This option is ideal for a creating a development testing environment, demonstrations, and prototypes.

- 9. Click Next
 - 10. In the following 'Component selection' panel, ensure the check box for 'Portal-based dashboards with Alphablox features' is not selected

Note: Portlet-based dashboards with Alphablox features, is covered in 'Scenario 2' of this document.

WebSphere software	Component selection
	Select the check box for each additional component you would like to install:
	Portlet-based dashboards with Alphablox features
A	Description
	Portlet-based dashboards leverage WebSphere Portal to display your data within an integrated portal environment. The administrator can control access based on standard WebSphere Portal user roles.
- 88	Adding the Alphablox features allows you to view dimensional data on your dashboards.
the second s	

- _____ 11. Click Next
- 12. In the next panel, click the Browse button to specify a different directory for 'Monitor Server installation location'
 - ____a. Monitor Server installation location : C:\IBM\WebSphere\MonServer

ebSphere software	Installation directory
	WebSphere Business Monitor will be installed into the specified directory. You ma
and the second	specify a different directory or click Browse to select a directory.
	Monitor Server installation location:
- 00	C:\IBM\WebSphere\MonServer
	Browse
	-
allShield	

- ____ 13. Click Next
 - ____14. In the next panel, you are given an option to enable the default WebSphere Application Server administrative security. Follow the instructions below to enable the security:
 - ____a. Select the check box next to 'Enable administrative security'
 - ____b. User name : was61admin
 - ____ c. Password : was61admin
 - ____ d. Confirm password : was61admin

WebSphere software	WebSphere Application Server enable administrative security
	Choose whether to enable administrative security. To enable security, specify a user name and password to log in to the administrative tools. The administrative user is created in a repository within the application server. After the installation finishes, you can add more users, groups, or external repositories.
	▶ F Enable administrative security
	User name:
	was61admin
	Password:
	1
	Confirm password:
	20
	See the <u>information center</u> for more information about administrative security.
IRbiold	

_15. Click Next

_____16. In the following Human Task Configuration panel, accept the default

WebSphere software	Human Tasks configuration Using the Human Task Manager in WebSphere Process Server, you can track human tasks. Additionally, you can add Human Tasks to the WebSphere Business Monitor dashboards, and it will display all available human tasks. To be able to
	view human task data in your dashboards, you must deploy the human task application and configure the Business Monitor server to access WebSphere Process Server. Configur <u>e</u> human task monitor model WebSphere Process Server host name.
8	VebSphere Process Server RMI port number (default port number is 2809);
stallShield	< Back Next > Cancel

Note: The Human Task Configuration requires a WebSphere Process Server V6.1 in the environment. The InstallShield wizard uses the information provided in this panel to test the connection and validate that WebSphere Process Server running properly. You can manually configure this later. The instructions are provided at the end of the document. Visit 'Task 1:- Human Task Configuration for Web-based and portlet based dashboards'

____ 17. Click **Next**

18. In the following 'Screen customization' panel, optionally select the check box next to 'Use WebSphere Business Monitor theme as DB2 Alphablox default theme'

WebSohere software	Screen customizations
	Select the desired screen customizations:
	Use WebSphere Business Monitor theme as DB2 Alphablox default theme
	🛛 🔽 Use WebSphere Business Monitor theme as WebSphere Portal default theme
	🛛 🗖 Use WebSphere Business Monitor page as WebSphere Portal welcome page
etallShield	- 1 <u>2</u>

____ 19. Click Next

____ 20. In the following 'Database configuration' panel, complete the following instructions:

- ____a. Database Product : Derby Embedded (select from the drop down list)
- ____b. Database creation method : Select the radio button for Create a new database automatically'
- ____ c. Database name : MONITOR
- ____ d. Schema name : MONITOR

Note: - This scenario uses Embedded Derby as database environment

Database Product: - The Monitor V6.1 installation wizard supports **Derby Embedded**, **DB2 Universal Database**, **DB2 UDB for z/OS V8** and **Oracle 10g** as database products.

Database product:	
Derby Embedded	•
Derby Embedded	
DB2 Universal Database	
DB2 UDB for z/OS v8	
Oracle 10g	

Database creation method: - On choosing the '**Use existing database**' option, the InstallShield wizard creates the required resources and configures the connections for the existing or non-existing MONITOR database. If the MONITOR database is not yet created, you must manually run the generated scripts to create the database.

Database creation method: - If you had selected the option, '**Create a new local database**' ensure that the required database product or a client is installed on the same machine where the Monitor server is being installed.

ebSohere software	Database configuration
	The WebSphere Business Monitor installation process will create required resources to configure the connections to the database.
0	You must select your database software, choose the database creation method, and type the name for the Monitor database that will be created. Database product:
	Derby Embedded
	 Create a new local database. The chosen database product must already be installed and configured on the local machine. Use existing database. The generate scripts must be executed manually to create the database if the database has not been created yet. Database name:
	MONITOR
	Schema name:
	Description The database name corresponds to the name of the WebSphere Business
allShield	Monitor database that is created on the database server.
	- Pack North Concol

_____ 21. Click Next

____22. Review the installation summary in the following panel

IBM WebSphere Busi	ness Monitor 6.1	
WebSphere software	Installation summary	
-	Review the summary for correctness. Click Back to change values on previous panels. Click Next to begin the installation.	
ALC: NO DECISION OF THE OWNER OF	The following products will be installed:	
	WebSphere Business Monitor 6.1 Product installation location: C:\IBM\WebSphere\MonServer	
	Components to be installed:	
	 Business Monitor server including Web-based dashboards Monitor database using Derby Embedded 	
	Create a new database automatically	
	Alphablox features for Web-based dashboards	
	WebSphere Application Server Network Deployment 6.1 Product installation location: C:\IBM\WebSphere\MonServer	
	The following features will be included:	
	Core product files	
	Total size:	
	• 1585 MB	
	Administrative security enabled:	
	True	
etallShield		
recenterine of the	a Dook	
	<u> </u>	

- 23. Click **Next**. This action starts the installation
- 24. The WebSphere Business Monitor V6.1 installation of type 'Basic' progresses

皆 IBM WebSphere Busir	ess Monitor 6.1
WebSphere software	Installing WebSphere Application Server Network Deployment. Please wait
and the second second	5%
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

__ 25. Review the **Installation results** summary and ensure all the components listed are successfully installed.

boards

____ 26. Click **Finish** to exit the installation wizard. The 'First Steps' console is launched as shown below:

phere Business Monitor		
steps		
Installation verification		
Confirm that your server is installe	d and that it can start properly.	
Start the server		
Start the server and its application	IS.	
Administrative console		
Install and administer applications		
Profile management tool		
Create or augment a profile.		
Information center		
Find all the information you need t	o install, maintain and use WebSp	here Business
Monitor and WebSphere Integration	on Developer.	
Migration wizard		
Migrate data and models to WebS	iphere Business Monitor V6.1.	
Exit		

27. Click the '**Installation Verification**' link to confirm that the monitor server and its components are installed successfully. The '**Installation verification**' console is launched

Note: If the WebSphere Application Server, administrative security is enabled, a pop up dialog is launched prompting for the 'User ID' and 'Password'.

🔹 WebSphere Business Monitor IVT Sec 💶 🗖 🗙			
Enter administrative security user name and password for WebSphere Application Server.			
User ID:	was61admin		
Password:	*****		
ОК			

Enter the administrative 'User ID' and 'Password' of the WebSphere Application Server and click OK.

🕀 First steps output - Installation verification	_ 🗆 ×
- IBM_WBM_REST_SERVICES passed	^
- Summary: Monitor application status verification is successful	
- Verify Database Connection	
- Verity Data Source Connection	
- Monitor_Database passed	
- Summary: Database testing is successful	
- Mortgage Lending Model	
- Verify Mortgage Lending Model	
- Wait 120 Seconds - Mortgaget endingBAMApplication passed	
- Send events passed	
- wait 30 seconds	
- Validate kpi: Total_Completed_Loans passed Validate kri: Average Application Lean Amount x0020, x0024, x0020, passed	
- Validate kpi: Average_Application_Coan_Amountx0028x0028x0028_ passed	
- Uninstall MortgageLending model passed	=
- Summary: MortgageLending model verifications are successful	
- Summary: Installation verification is successful	
	~

28. Ensure all the components are flagged as 'passed' and close the 'Installation verification' console

____ 29. Click the 'Exit' link to close the 'First Steps' console

Part 3: Full basic installation (includes portlet-based dashboards)

Scenario 2: In this part of the lab, you will install WebSphere Business Monitor Server V6.1, light weight Webbased dashboards (excluding Alphablox views) and portlet-based dashboards with Alphablox views. In this process you will be given the option to choose between create a new or use an existing MONITOR database depending on the database environment. This scenario uses DB2 as a database environment. However you can use Oracle as a database environment. Note that Derby is not listed for selection as a database environment if portlet-based dashboards component is selected for installation.



In this WebSphere Business Monitor V6.1 installation scenario of type Basic, the InstallShield wizard installs the WebSphere Application Server V6.1 and silently uses the customized Profile Management Tool to create and augment the WebSphere Business Monitor stand-alone profile, installs Monitor Server, creates the MONITOR database for DB2 database environment, and other monitor related components. The installation wizard also installs the WebSphere Application Server V6.0.2.19, creates a WebSphere Portal Server profile, installs WebSphere Portal Server V6.0.1.1, creates Alphablox V9.5 instance and finally install the dashboard views. If the option to install portlet-based dashboards is selected for installation, the Alphablox instance creation for the web-based dashboards is excluded and so are the Alphablox views.

WebSphere Business Monitor V6.1 installation of type Basic with the Portlet-based dashboards option selected supports DB2 and Oracle for MONITOR database. If DB2 or Oracle is used in your database environment, the product must be installed and configured ready for the monitor installation program to create the MONITOR database. This scenario uses DB2 as the database environment.

Prerequisite: If you plan to use the DB2 server environment for MONITOR database, visit the DB2 information center for instructions to install and configure DB2 ESE V8.2 or V9.1.

Follow the instructions below, to complete the WebSphere Business Monitor V6.1 Basic installation:

1. From the directory where all the pre-requisites and the Monitor driver are extracted (Ex:-C:\CDImageV61\), double click on the launchpad.exe to run the Common Launchpad program



_ 2. On the welcome screen, click on the WebSphere Business Monitor Installation link in the left pane and then click the 'Launch the installation wizard for WebSphere Business Monitor' to the right. The WebSphere Business Monitor V6.1 InstallShield wizard is launched

This wizard installs IBM WebSphere Busines	s Monitor 6.1 on your	
Business Monitor information center.	rocess, see the Web!	Sphere
Click Next to continue.		

- __ 3. Click Next
- ____4. In the next panel, read the license agreement. If you agree to the terms, select the radio button for 'I accept the both the IBM and the non-IBM terms'
- 5. Click **Next**. The monitor installation program does an operating system prerequisite check and warns if the product installation is not supported.

_____6. In the following panel, read the 'System prerequisite check' information

ebSohere software	System prerequisites check
	Passed: Your operating system completed the prerequisites check successfully.
	The installation wizard checks your system to determine whether a supported operating system is installed and whether the operating system has the appropriate service packs and patches.
	 Installations of WebSphere Application Server prior to Version 6.0 might not be found reliably.
	 Installations of WebSphere Application Server and WebSphere Business Monitor that are not registered with the operating system may not be found reliably.
	Click Next to continue the installation.

- 7. Click **Next** to continue the installation
- 8. In the following panel, select 'Basic Installation' as the Installation Type

🍟 IBM WebSphere Busir	ness Monitor 6.1	- 🗆 ×
WebSphere software	Installation type selection	
	Select the type of installation that best suits your needs. Installation Types:	
and the second second	Basic Installation	
. 00	Advanced Installation	
	Description A basic installation will install all WebSphere Business Monitor components and required prerequisite software on one server. Optionally, you can install optional prerequisite software during a basic installation. This option is ideal for a creating a development testing environment, demonstrations, and prototypes.	3
InstallShield -	< <u>B</u> ack	ncel

- ____ 9. Click Next
- 10. In the following **Component selection** panel, select the check box for '**Portal-based Dashboards** with Alphablox features'

Note: On selecting the '**Portlet-based dashboards with Alphablox views**' component, the installation wizard prompts for the Portal Server instillation location to install WebSphere Portal Server V6.0.1.1.

Note: On selecting the '**Portlet-based dashboards with Alphablox views**' component, the Alphablox instance and views are not installed for web-based dashboards.

bSphere softwar	Component selection
-	Select the check box for each additional component you would like to install:
	Portlet-based dashboards with Alphablox features
	Description
	Portlet-based dashboards leverage WebSphere Portal to display your data within an integrated portal environment. The administrator can control access based on standard WebSphere Portal user roles.
	Adding the Alphablox features allows you to view dimensional data on your dashboards.
IIShield	

- ____ 11. Click Next
 - 12. In the following panel, click the Browse button to specify a different directory for 'Monitor Server installation location' and 'WebSphere Portal and WebSphere Application Server 6.0.2 base installation location'
 - ____a. Monitor Server installation location : C:\IBM\WebSphere\MonServer
 - ____b. WebSphere Portal Server and WebSphere Application Server 6.0.2 base installation location

: C:\IBM\WebSphere

WebSphere software	Installation directory WebSphere Business Monitor will be installed into the sp specify a different directory or click Browse to select a directory	ecified directory. You may
NO YO MAND	Monitor Server installation location:	
	C:\IBM\WebSphere\MonServer	
		Browse
A	WebSphere Portal and WebSphere Application Server 6.0	.2 base installation locat
	C:\IBM\WebSphere	
		B <u>r</u> owse
		4

- ____ 13. Click Next
- 14. In the next panel, you are given an option enable the default WebSphere Application Server administrative security. Follow the instructions below to enable the security:
 - ____a. Select the check box next to 'Enable administrative security'
 - ____b. User name : was61admin
 - ____ c. Password : was61admin
 - ____ d. Confirm password : was61admin

Note: Optionally you can select the check box for '**Use the name and password for all remaining products**' to use the same user name and password provided in this panel for the portal server.

WebSphere software	WebSphere Application Server enable administrative security
	Choose whether to enable administrative security. To enable security, specify a user name and password to log in to the administrative tools. The administrative user is created in a repository within the application server. After the installation finishes, you can add more users, groups, or external repositories.
	I Enable administrative security
	User name:
	was61admin
	Password:
0	******
	Confirm password:

	Use this name and password for all remaining products See the <u>information center</u> for more information about administrative security.
allShield	

- ____ 15. Click Next
- 16. In the next panel, enter the administrative security user name and password for both the WebSphere Application Server and WebSphere Portal Server
 - ____a. WebSphere Application Server and WebSphere Portal user name : wpsadmin
 - ___b. Password : wpsadmin
 - ____ c. Confirm password : wpsadmin

Sohere softwa	WebSphere Portal administrative security
n 22	Enter administrative security user name and password for both WebSphere Application Server and WebSphere Portal for secure access to the administrative tools. The administrative user is created in a repository within WebSphere Application Server and WebSphere Portal. After installation finishes, you can add more users, groups, or external repositories. WebSphere Application Server and WebSphere Portal user name:
	wpsadmin
	Password:
00	9 F
	Confirm password:
	See the <u>information center</u> for more information about administrative security.
IShield	

- ___17. Click Next
- ____ 18. In the following Human Tasks Configuration panel, accept the default

WebSphere software	Human Tasks configuration Using the Human Task Manager in WebSphere Process Server, you can track human tasks. Additionally, you can add Human Tasks to the WebSphere Business Monitor dashboards, and it will display all available human tasks. To be able to view human task data in your dashboards, you must deploy the human task application and configure the Business Monitor server to access WebSphere Process Server. Image: Configure human task monitor model
	WebSphere Process Server RMI port number (default port number is 2809);
nstallShield	< <u>B</u> ack <u>Next ></u> <u>C</u> ancel

Note: The Human Task Configuration requires a WebSphere Process Server V6.1 in the environment. The InstallShield wizard uses the information provided in this panel to test the connection and validate that WebSphere Process Server running properly. You can manually configure this later. The instructions are provided at the end of the document. Visit 'Task 3:- Human Task Configuration for Web-based and portlet based dashboards'

_____ 19. Click Next

20. In the following 'Screen customizations' panel, select the check boxes for the required screen customizations

Select the desired screen customizations:
☑ Use WebSphere Business Monitor theme as DB2 Alphablox default theme
☑ Use WebSphere Business Monitor theme as WebSphere Portal default theme
☑ Use WebSphere Business Monitor page as WebSphere Portal welcome page

- ____ 21. Click Next
- 22. In the following 'Database configuration' panel, enter the following:
 - ____a. Database Product : DB2 Universal Database (select from the drop down list)
 - ____b. Database creation method : Select the radio button next to 'Create a new local database'
 - ____ c. Database name : MONITOR
 - ____ d. Schema name : MONITOR

Note: -

Database Product: - The Monitor V6.1 installation of type Basic with portlet-based dashboards component selected, supports **DB2 Universal Database**, **DB2 UDB for z/OS V8** and **Oracle 10g** as database products.

Database product:
DB2 Universal Database
DB2 Universal Database
DB2 Universal Database for z/OS v8
Oracle 10g

Database creation method: - Optionally, you can choose the radio button for '**Use existing database**'; the InstallShield wizard creates the required resources and configures the connections for the existing or non-existing MONITOR database. If the MONITOR database is not yet created, you must manually run the generated scripts to create the database after the installation is complete.

Database creation method: - If you had selected the option, '**Create a new local database**' ensure that the required database product or client is installed locally, where the monitor server is being installed.

e software	Database configuration
Sortiare	The WebSphere Business Monitor installation process will create required resources to configure the connections to the database.
n 22	You must select your database software, choose the database creation method, and type the name for the Monitor database that will be created. Database product:
	DB2 Universal Database
	Database creation method:
1 1 22	Create a new local database. The chosen database product must already be installed and configured on the local machine.
	C Use existing database. The generate scripts must be executed manually to create the database if the database has not been created yet.
	Database name:
	MONITOR
	Schema name:
	MONITOR
	Description The database name corresponds to the name of the WebSphere Business
	Monitor database that is created on the database server.
ld	Monitor database that is created on the database server.
Id	Monitor database that is created on the database server. < Back
1d	

- ___a. User name : db2admin
- ____a. Password : db2admin
- ____b. Confirm Password : db2admin
- ____ c. JDBC driver class path files directory

: C:\IBM\WebSphere\MonServer\universalDriver.wbm\lib

- ____ d. JDBC driver type : 2
- ____e. Database server host name : **localhost** (not editable)
- ____f. Server port : 50000

WebSohere software	Additional database configuration	
Software	To configure the database connections during this installation, you r additional information about the database server you are using.	nust provide
	For database authentication, you must type the user name and pass database user that will be used to create the Monitor database. The must have read and write access on the database.	sword for the database user
	db?admin	
	Password	

1100	Confirm password:	
		<u>.</u>
	JDBC driver classpath files directory:	
	C:\IBM\WebSphere\MonServer\universalDriver.wbm\lib	
		Browse
	JDBC driver type:	
	 2 (requires database software or database client to be installed system) 	on the local
	C 4	
	Database server host name or IP address:	
	localhost	
	Database TCP/IP service port or listener port:	
	50000	
nstallShield		
	- Book	Consol

____ 25. Click Next

_____ 26. Review the installation summary in the following panel

M WebSphere Busir	ess Monitor 6.1
ebSphere software	Installation summary
	Review the summary for correctness. Click Back to change values on previous panels. Click Next to begin the installation.
	The following products will be installed:
	WebSphere Business Monitor 6.1 Product installation location: C:\IBM\WebSphere\MonServer
	Components to be installed:
	 Business Monitor server including Web-based dashboards Portlet-based dashboards
	 Monitor database using DB2 Universal Database
	Create a new database automatically
	V Alphablow reduites for portici-based dashboards
	WebSphere Application Server Network Deployment 6.1 Oredust installation logation:
	C.VBMWebSphereMonServer
	WebSphere Portal 6.0.1.1
	Product installation location:
	C:\IBM\WebSphere\PortalServer
	The following features will be included:
	Core product files
	Total size:
	● 5625 MB
	Administrative security enabled:
	True
hield	
	« Back Next> Cancel

___27. Click Next

____28. The WebSphere Business Monitor V6.1 Basic installation with Portal Alphablox progresses

🝟 IBM WebSphere Busin	ness Monitor 6.1	×
WebSphere software	Installing WebSphere Application Server Network Deployment. Please wait	
	5%	
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel	

29. Review the **Installation results** summary of the WebSphere Business Monitor V6.1 components and ensure all the components listed are successfully installed.

		Contraining of the
WebSphere software	installation results	
and the second second	Success: The following product(s) were successfully installed.	
STREET, STREET,	WebSphere Business Monitor 6.1	
	C:\IBM\WebSphere\MonServer	
	Business Monitor server including Web-based dashboards	
	 Portlet-based dashboards 	
	Alphablox features for portlet-based dashboards Manifer database using DD2 Unit pread Database	
	New database created	
	WebSphere Application Server Network Deployment 6.1	
	C. (Billion Sphere Restal C. 9.4.4	
	CilBMi)ArehSphereiPortalSenver	
	E Laurah Web Onhard Dualaasa Manifas Sectatora	
	Launch websphere Business Monitor lifst steps	
	Click Finish to exit.	
netallShield		
motamornera		
	< Back Next>	inish

____ 30. Click the **Finish** button to exit the installation wizard. The 'First Steps' console is launched as shown below:

Note: If the WebSphere Application Server, administrative security is enabled, a pop up dialog is launched prompting for the 'User ID' and 'Password'.

🖆 WebSphere Business Monitor IVT Sec 💶 🗖 🗙		
Enter administrative security user name and password for WebSphere Application Server.		
User ID:	was61admin	
Password:	*******	
ОК		

Enter the administrative 'User ID' and 'Password' of the WebSphere Application Server and click OK.



_ 31. Click the 'Installation Verification' link to confirm that the monitor server and its components are installed successfully. The 'Installation verification' console is launched



- _____ 32. Ensure all the components are flagged as '**passed**' and close the '**Installation verification**' console
- _____ 33. Click the 'Exit' link to close the 'First Steps' console

What you did in this exercise

You obtained the Monitor V6.1 driver and the necessary pre-requisites, extracted them to create an on-disk image making it easy for the wizard to run and complete the installation. Depending on the scenario chosen, you used the installation program to install all the pre-requisite software, created the Monitor Database and finally installed the Monitor Server, its components, Web-based dashboards including Alphablox views depending on the scenario and optionally installed Portlet-based dashboards including Alphablox views.

Task 1: Human task configuration for Web-based and portlet based dashboards

If the WebSphere Process Server information was not readily available during the web-based (monitor server) and portlet-based dashboards installation to configure connections, you can manually set connection information for the business process choreographer. The following instructions must be completed on the monitor server profile and WebSphere_Portal profile.

To post-configure the connections manually for web-based and portlet based dashboards, complete the following steps:

- 1. Start the monitor server profile (server1) and 'WebSphere_Portal' server profile and launch the WebSphere Application Server administrative console. (Ex: <u>http://locahost:10027/admin</u> and <u>http://localhost:9060/admin</u> for monitor server profile) enter the username and password and log on.
- 2. In the left pane, expand Application Servers and click the 'WebSphere_Portal' or server (monitor server) link to the right
- _____3. Expand 'Java and Process Management' and click the 'Process Definition' link
- _____ 4. Click on 'Java Virtual Machine' under 'Additional Properties'
- 5. Click on 'Custom Properties' under 'Additional Properties'
- ____6. Click the New button
- _____7. Enter the Value following values
 - ___a. Name : DashboardBPCHost
 - ____b. Value : <fully qualified host name of the WebSphere Process server>

General Properties
* Name
DashboardBPCHost
* Value
procserver.austin.ibm.com
Description
Description
Apply 🐹 Reset Cancel

- _____ 8. Click **OK**
- 9. Now click the New button again 'link
- _____10. Enter the following values:

____a. Name : DashboardBPCRMIPort

____b. Value : < RMI port of the WebSphere Process Server> (default is 2809)

General Properties
* Name DashboardBPCRMIPort
* Value 2809
Description
Apply OK Reset Cancel

- _____ 11. Click OK
- _____ 12. Save the changes to the master configuration
- _____13. Restart the server for the changes to occur

Appendix 1: Uninstalling WebSphere Business Monitor and its prerequisites

Follow the instructions below to uninstall WebSphere Business Monitor V6.1:

Note: To follow the manual steps to remove monitor profile, visit "**Manual steps for uninstall Monitor**" at the end of 'Appendix 1'

- 1. Stop the stand-alone monitor profile
 - ____a. Open a command window, change directory to **<WBM_PROFILE_HOME>\bin** and run the following command:
 - stopServer.bat server1 –username was61admin –password was61admin (security enabled)
 - stopServer.bat server1 (security not enabled)
- 2. Also stop the WebSphere Portal Server profile is installed
 - ____ a. Open a command window, change directory to <WP_PROFILE_HOME>\bin and run the following command:
 - stopServer.bat WebSphere_Portal –username wpsadmin –password wpsadmin (security enabled)
 - stopServer.bat WebSphere_Portal (security not enabled)
 - __3. Now change directory to <WAS61_HOME>\uninstall.wbm and double click uninstall.exe to launch the WebSphere Business Monitor V6.1 uninstaller wizard.

🝟 IBM WebSphere Busin	ness Monitor 6.1	_ 🗆 🗵
WebSphere software	Welcome to WebSphere Business Monitor uninstallation wizard The uninstallation program will remove all WebSphere Business Monitor components that were installed using the WebSphere Business Monitor installation program.	
InstallShield	< <u>B</u> ack <u>Next ></u> <u>C</u> ar	ncel

- ____4. Click Next
- 5. In the following 'Remove prerequisites software' panel, select the check box for 'WebSphere Application Server ND Version 6.1' and WebSphere Portal Server V6.0.1.1. Ensure that the correct installation location is displayed

Note: The **Remove prerequisite software** panel lists only the prerequisites that were installed by the Monitor InstallShield wizard. For example the option to remove WebSphere Portal Server V6.0.1.1 appears only if the portal based dashboards component was selection for installation.

	Domen in wrono wieite coffuncie
ebSphere software	Remove prerequisite software
	Select the prerequisite software to be removed:
	WebSphere Application Server ND Version 6.1 C:\IBM\WebSphere\MonServer
	C:\IBM\WebSphere\PortalServer
	Description
	The uninstallation program can remove prerequisite software that was installed using the WebSphere Business Monitor installation program. Prerequisite
	software that was installed using another installation program must be manually removed.
allShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

- ____6. Click Next
- 7. In the following '**Remove prerequisites software profiles**' panel, select the check box next to '**WebSphere Application Server profiles**'. This deletes the monitor server profile

WebSphere software	Remove prerequisite software profiles
	Select the profiles to be removed:
	WebSphere Application Server profiles
	Description All selected profiles will be removed. Important: You should create a backup of the configuration before the profiles are deleted. Use the backupConfig command to save the configurations before deleting the profiles.
	Click Next to continue. Click Cancel to exit the uninstallation program without deleting any profiles.
and the second s	

____8. Click Next

___9. In the following panel, review the un-installation summary

1 WebSphere Busi	ness Monitor 6.1
WebSphere software	Uninstallation summary
	Review the summary for correctness.
A	The following products will be uninstalled:
	IBM WebSphere Business Monitor 6.1 C:\IBM\WebSphere\MonServer
66	Components to be removed:
	Business Monitor server including Web-based dashboards Dettlet based dashboards
	 Alphablox features for portlet-based dashboards
	WebSphere Application Server Network Deployment 6.1 C:\IBM\WebSphere\MonServer
	WebSphere Portal 6.0.1.1 C:\IBM\WebSphere\PortalServer
	All existing WebSphere Business Monitor profiles will be removed from the system. In addition, the following prerequisite software profiles will be removed :
	WebSphere Application Server profiles
	Click Back to modify the values. Click Next to begin the uninstallation, or click Cancel to exit the uninstallation program.
	1 5
	< <u>B</u> ack <u>Next</u> ≥ <u>C</u> ancel

- _____ 10. Click 'Next' to continue with the installation. The un-installation progresses
- _____11. Review the 'Uninstallation results' summary



- ___ 12. Click Finish
- 13. To troubleshoot un-installation review the following log files
 - ___a. Monitor Server Profile:-
 - uninstallWBMISCPortlet.log
 - UninstallRestServices.log
 - UninstallDashboard.log
 - UninstallDMSService.log
 - UninstallActionManager.log
 - MonitorServerResourceUninstall.log
 - unconfigCEI.log

____b. Portal Server Profile:-

- uninstallABXPortalDashboard.log
- uninstallHumanTask.log
- uninstallPortalDashboardRestProxy.log

Appendix 2: Troubleshooting

Monitor Server:

- _____1. Useful files for debugging initial installation problems:
 - ____a. Location : C:\Documents and Settings\Administrator\Local Settings\Temp\1\

(%TEMP% directory of the Administrator user)

- ____b. Location : <WAS61_HOME>/logs/wbm/install
 - log.txt
 - trace.txt
 - wbm_<TIME STAMP>_install_out.log
 - wbm_<TIME STAMP>_install_trace.log
- ____ c. Location : <WAS61_HOME>/logs/wbm
 - installconfig.log
- 2. Useful files for debugging monitor stand-alone installation problems
 - ____a. <WBM_PROFILE_HOME>/logs
 - ConfigCEI.log
 - MonitorServerResourceInstall.log
 - configWBMSIB.log
 - enableIdentityAssertion.log
 - InstallActionManager.log
 - InstallDMSService.log (for non-Derby database environment only)
 - InstallDashboard.log
 - InstallRestServices.log
 - installVmmService.log
 - installWBMISCPortlet.log
 - installHumanTask.log
 - InstallABXDashboard.log
 - wsadmin.traceout
- Useful files for debugging Monitor Server runtime problems
 - ___a. <WBM_PROFILE_HOME>/logs/server1

- SystemOut.log
- SystemErr.log

Portlet-based Dashboard:

- a) Useful files for debugging initial installation problems:
 - ____a. Location : C:\Documents and Settings\Administrator\Local Settings\Temp\1\niflogs.wbm

(%TEMP% directory of the Administrator user)

- ____b. Location : <PORTAL_HOME>\logs\wbm\install
 - log.txt
 - trace.txt
 - wbm_<TIME STAMP>_install_out.log
 - wbm_<TIME STAMP>_install_trace.log
- b) Useful files for portlet-based dashboards installation problems:
 - ___a. <WP_PROFILE_HOME>\logs
 - wsadmin.traceout
 - installPortalDashboardRestProxy.log
 - installHumanTask.log
 - installABXPortalDashboard.log
- c) Useful files for Portal Server installation and runtime problems:
 - ____a. <PORTAL_HOME>\log
 - SystemOut.log
 - SystemErr.log