IBM WEBSPHERE BUSINESS MONITOR 6.0 - LAB EXERCISE

Installing the Dashboard Client for WebSphere Business Monitor Version 6.0

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What this exercise is about

The objective of this lab is to provide instruction on how to complete the installation of the Dashboard Client component of WebSphere Business Monitor Version 6.0. WebSphere Business Monitor runs on two servers; these are considered as the 'Monitor Server' and the 'Dashboard Client'. This lab describes the *Dashboard Client* installation.

Lab Requirements

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

- Supported Microsoft Windows operating system, for example Microsoft Windows 2003 Server.
- IBM WebSphere Business Monitor Version 6.0.
- Pre-requisite software (obtained as part of the IBM WebSphere Business Monitor V6):
 - o IBM DB2 Universal Database Enterprise Server Edition
 - o IBM DB2 Cube Views
 - o IBM Alphablox
 - o IBM WebSphere Application Server
 - o IBM WebSphere Portal and PTF

Note: This lab should, optimally, be started using a 'clean' machine (i.e. a machine without previous installations of the pre-requisites or the Monitor Server). If your machine is not clean, uninstall previous versions of the pre-requisite software, and then delete the installation folders and the vpd.properties file from C:\Windows\.

Note: Your machine name should be length 9 or less, otherwise the Portal install will fail. You can check your machine name and change it by going to Start > Control Panel > System > tab 'Computer Name'. If you have already installed DB2, then you will need to uninstall it, remote the db2admin user, change the machine name, reboot the machine, and finally re-install DB2 using the Launchpad. If the machine name is changed after installing DB2, you will get the following error when trying to run any DB2 commands: SQL6031N Error in the db2nodes.cfg file at line number "1". Reason code "10".

If you choose not to change your computer name, then you may try to install WAS, Portal and the Portal PTF outside of the Monitor Launchpad. After doing this, when you are prompted for the path and cell/node name, specify your shorter length names.

What you should be able to do

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

- Install pre-requisite software
- Create Databases
- Install Dashboard Client
- Test installation

Introduction

This is the second of three labs showing how to build an overall WebSphere Business Monitor V6 environment, such as shown in the picture below. In this lab the Dashboard Server Machine will be built.



This lab will show you how to configure the Dashboard Client for WebSphere Business Monitor V6. When Monitor V6 is running, users will connect to this Dashboard Client and will be presented with the graphical depictions of their business data. A separate Monitor Server will capture the data at runtime and then replicate this to the Dashboard Client for analysis. The dashboards are built on top of WebSphere Portal, so this will be installed as one of the pre-requisites. The graphical rendering of the business data is provided by Alphablox, with DB2 and DB2 Cube Views storing the underlying data. You will install all of these components during this lab.

The key part of this lab is the **Launchpad**, which is used to install all pre-requisites and the Monitor Server. This Launchpad makes installing the complete set of supporting software very simple. This lab is primarily concerned with installing each product.

Note: A problem with the CheckPoint Integrity Flex (CPIF) V6.0.116.000 firewall may cause DB2 connections to fail and TCP/IP to stop responding. Typically, the conflicting software causes the installation to stop responding and the system to lockup. Disabling CPIF did not resolve this problem during testing; upon diagnosis of the situation, the pre-requisites had to be reinstalled after CPIF was uninstalled. We recommend that you do not use CPIF, or that if you do, be wary of potential problems.

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Part 1: Preparing the Launchpad

In this part of the lab, the pre-requisite software will be obtained and extracted -- creating the correct on-disk structure for the Launchpad to run.

 Download the following zip files and place them into a directory, for example C:\Drivers\. Make sure that no other zip files are present in this directory.

```
C88B8NA.zip - WebSphere Business Monitor
C88BANA.zip - DB2 Alphablox
C88BBNA.zip - DB2 Cube Views
C88B9NA.zip - DB2
C88BCNA.zip - WebSphere Portal
C88BDNA.zip - WebSphere Portal PTF
C88BHNA.zip - WebSphere Application Server
```

____2. Using unzip (not Winzip), extract all the files into a directory called C:\CDImage\

```
cd C:\Drivers\
unzip C88B8NA.zip -d C:\
unzip C88BANA.zip -d C:\CDImage\
unzip C88BBNA.zip -d c:\CDImage\
unzip C88B9NA.zip -d c:\CDImage\
unzip C88BCNA.zip -d c:\CDImage\
unzip C88BDNA.zip -d c:\CDImage\
unzip C88BHNA.zip -d c:\CDImage\
```

NOTE: Winzip could have problems extracting the number of files and/or the directory structure depth from the source zip files. Use unzip instead, which can be downloaded from the Internet at http://www.info-zip.org/pub/infozip/.

_3. Confirm that the directory structure was extracted correctly; it should appear similar to the picture below, although the exact files and dates may vary.

C:\CDImage	Help				
ne Euic vew P <u>a</u> vorites Tools		1.			
Address 🕞 C:\CDImage					→
Folders X	Name 🔺	Size	Туре	Date Modified	Attributes
Peskton	🚞 Alphablox	X	File Folder	11/7/2005 8:25 AM	A
E B My Documents	CUBE		File Folder	11/7/2005 8:33 AM	А
My Computer	ESE		File Folder	11/7/2005 8:37 AM	А
E Set Local Disk (C)	🛅 jvm		File Folder	12/15/2005 11:45 PM	
	🛅 Launchpad		File Folder	12/15/2005 11:45 PM	
Documents and Settings	🛅 Portal		File Folder	11/7/2005 9:05 AM	А
Discamentes and sectings	Contal5102PTF		File Folder	9/26/2005 1:33 PM	А
	🛅 src		File Folder	12/15/2005 11:45 PM	
E C Program Files	🚞 WAS		File Folder	12/28/2005 2:56 PM	
	🖬 bom.jar	2,224 KB	JAR File	12/15/2005 11:45 PM	А
	installation_readme.html	24 KB	HTML Document	12/15/2005 11:45 PM	А
	💿 launchpad.bat	1 KB	Windows Batch File	12/15/2005 11:45 PM	А
	🛅 launchpad.jar	858 KB	JAR File	12/15/2005 11:45 PM	А
Control Papel	🖬 monAAMWsLevel. jar	4 KB	JAR File	12/15/2005 11:45 PM	А
	monrepository.jar	170 KB	JAR File	12/15/2005 11:45 PM	A
	🖬 monutil.jar	163 KB	JAR File	12/15/2005 11:45 PM	А
	Creadme.html	40 KB	HTML Document	12/15/2005 11:45 PM	А
objects (Disk free space: 63.8 GB)			3.39 N	1B 🛛 🙀 My Compute	er

Part 2: Creating the REPOS, RUNTIME and HISTORY databases

You will start by using the Launchpad to create three of the databases used by Monitor – REPOS, RUNTIME and HISTORY. The STATE database will be created later on the Monitor Server machine instead of on the Dashboard Client machine. This is because the Monitor Server makes most use of the STATE database, whereas the Dashboard Client makes most use of the other databases. By having them installed locally, the performance will be better.

1. Open a command prompt and run the Launchpad

1 \ ~ ~ ~

cd (CDImage launchpad.b	\ at	
🜐 WebSphere Business Monito	or Launchpad	
WebSphere Business	Monitor	IIV.
Welcome	Welcome to the Launchpad for IBM WebSphere Business Monitor Version 6.0 The WebSphere Business Monitor Launchpad will help prepare your computer for the nstallation of the WebSphere Business Monitor product and then install the product.	
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2. Click Create Databases and select Repository database, Runtime database and Historical database.

WebSphere Business Monitor Launchpad	
WebSphere Business Monitor	TEM.
Welcome Image: Create databases Create Databases Image: Create databases Install Product Image: Select the WebSphere Business Monitor databases you want to create.	TX TX
Exit ✓ Databases ✓ Repository database State database ✓ Runtime database ✓ Historical database	

3. Click Next

WebSphere Business Mor WebSphere Busines	s Monitor	IIN.
Welcome	Software prerequisites	
Install Product	The WebSphere Business Monitor Launchpad has checked your system for the existence of required software prerequisites. These prerequisites are needed to cr the databases you selected. Review the status of each prerequisite.	reate
	Prerequisites IBM DB2 Universal Database Enterprise Server Edition v8.2.1 Install Status	
	IBM DB2 Cube Views v8.2.1 Install Status Not Install	
The IBM logo and WebSphere ahts reserved 2005.	Start Database Creation are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. A	

4. The pre-requisites (DB2 and DB2 Cube Views) will show as not installed; the Launchpad will be used to install them. Expand the **IBM DB2 Universal Database Enterprise Server Edition v8.2.1** section and then click **Install.**

WebSphere. Busines	Monitor	IEM.
Welcome	Prerequisites	
Create Databases	IBM DB2 Universal Database Enterprise Server Edition v8.2.1	
Install Product 👘	Install Status	stalled
	Only IBM DB2 Universal Database Enterprise Server Edition v8.2.1 is supported. IBM DB2 Universal Database Enterprise Server Edition v8.2.1 is requ by the Monitor Server component. IBM DB2 Universal Database Enterprise Server Edition v8.2.1 can be installed directly from the installation media. Click Install to begin th installation	ired
	IBM DB2 Cube Views v8.2.1 Install Status	stalled
	-Back Nexts Start Database Creation	

5. A warning message will appear telling you to make sure that the 'db2admin' account does not already exist. Be sure to remote any existing "db2admin" userid defined in the system. Click **OK**.

CWMLP1	006W: Warning: A user account named 'db2admin' exists.
1	CVVMLP1005VV: If you wish to continue with this installation, make sure there is no user on this system named "db2admin". If a "db2admin" user account exists, you must either delete it now or cancel this installation and run the DB2 installation manually. Otherwise, the installation will fail.
	OK

6. Select the drive (the C:\ drive is recommended) to install the product and then click OK.



7. Installation will begin and progress silently, as shown:

📥 In pro	gress 🤰	×
•	Installing IBM DB2 Universal Database. Please wait.	
	0%	
🌰 In prog	gress 🔰	×
•	Installing IBM DB2 Universal Database. Please wait.	
	8%	

8. When the installation completes, a popup message will appear stating that DB2 has been installed successfully. The popup also instructs you to restart all running programs so that DB2 may be initialized for use. Click **OK**.

WebSph	ere Business Monitor
٩	DB2 Universal Database has been installed successfully. Shut down all software programs running on the system now. The programs can then be restarted and DB2 will be ready for use.
	OK

Note: It is very important that you close the Launchpad at this stage. It is also very important that you close the Command Window that you used to start the Launchpad. If you do not perform these steps then your installation will probably fail but you may not detect the problem until much later.

- 9. You need to close the Launchpad as well as all other applications. Click Exit.
- 10. **Important** You need to close your command window also type exit, or click the close icon.
- 11. Open a **new** Command Window and start the Launchpad again as before.
- 12. Click Create Databases again, select Repository database, Runtime database and Historical database.

🜐 WebSphere Business Mor	nitor Launchpad	
WebSphere. Busines	s Monitor	IN.
Welcome Image: Second	Create databases Select the WebSphere Business Monitor databases you want to create.	F ()
Exit ⊯	 Databases Repository database State database Runtime database Historical database 	A
© The IBM logo and WebSphere rights reserved 2005.	 	

____13. Click Next

_____14. Expand the IBM DB2 Cube Views v8.2.1 section and then click Install.

WebSphere. Busine	ess Monito	r		IBM.
Welcome 🙀	existen create f	ce of required software prerequisites. These p he databases you selected. Review the status	rerequisites are needed to	
Create Databases	Prereq	uisites		
Install Product 👘	•	IBM DB2 Universal Database Enterprise Serv	ver Edition v8.2.1	
Exit 👘		Install Status	🞲 Installed	
		IBM DB2 Cube Views v8.2.1		
		Install Status	🔐 Not Installed	
		IBM DB2 Cube Views v8.2.1 is used to supp Monitor.	ort WebSphere Business	
		IBM DB2 Cube Views v8.2.1 is required by t component.	he Dashboard Client	-/ H.
		IBM DB2 Cube Views v8.2.1 can be installed media. Click Install to begin the installation Install	d directly from the installation n (17 MB recommended):	
		Back	Next Database Gradien	

_____ 15. The installation proceeds silently and returns to the Launchpad when complete:

WebSphere Business Mo	nitor Launchpad
WebSphere Busines	ss Monitor
Welcome	The WebSphere Business Monitor Launchpad has checked your system for the existence of required software prerequisites. These prerequisites are needed to create the databases you selected. Review the status of each prerequisite.
Install Product	Prerequisites
Exit ∰	 IBM DB2 Universal Database Enterprise Server Edition v8.2.1 Install Status WebSphere Business Monitor requires a database server to be installed. Only IBM DB2 Universal Database Enterprise Server Edition v8.2.1 is supported. This prerequisite has been satisfied.
	 IBM DB2 Cube Views v8.2.1 Install Status IBM DB2 Cube Views v8.2.1 is used to support WebSphere Business Monitor. This connection to the transfer of the t
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- _____ 16. Click Start Database Creation
- _____17. Read and accept the license agreement and the non-IBM terms and then click Next.

絭 WebSphere Business M	onitor Installer	
	Software License Agreement	
	Please read the following license agreement carefully.	
	International Program License Agreement	<u> </u>
	Part 1 - General Terms	
	BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING THE PROGRAM YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU AR ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEG ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,	E THAT ƏAL
	DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM	A;
	Read non-IBM terms	
	I accept both the IBM and the non-IBM terms.	
	${f C}$ I do not accept the terms in the license agreement	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> a	ncel

_____18. Accept the default directory and then click Next.

絭 WebSphere Business Me	onitor Installer	
	Click Next to install "IBM WebSphere Business Monitor Version 6.0" or click Browse to install to a different directory. <u>D</u> irectory Name:	to this directory,
	C:\IBMWVebSphere\Monitor	
		Browse
InstallShield		
	< <u>B</u> ack <u>Next</u> >	<u>C</u> ancel

19. Specify the database information for the REPOS database -- enter and confirm the password for the db2admin userid. The default password is **monPa55w0rd**, unless you changed it after installing DB2. Click **Next**.

🚔 WebSphere Business Mor	itor Installer			_ 🗆 X
E.	Specify the database	e information for the Repository da	atabase:	
	Name:	REPOS		
	Schema:	REPOS		
	User ID: Password: Confirm password: Tyne:	db2admin ***********		
	1900.	0.062		
InstallShield				
		< <u>B</u> ack <u>N</u>	ext > <u>C</u> ano	el

_ 20. Specify the database information for the RUNTIME database – again enter and confirm the password for the db2admin userid. Two *existing* directories must be specified on the file system for storing database backups and table spaces (therefore you may need to manually create these directories first). The directory names can be typed or navigated to by clicking **Browse** to select them. Click **Next** after the directories are selected.

🚔 WebSphere Business Mon	itor Installer		_ 🗆 🗙
	Name:	RUNTIME	
	Schema:	WBI	
	User ID:	db2admin	
	Password:	****	
	Confirm password:	****	
A	Backup directory:	C:\Monitor\Backup	
		Browse	
	Table Space directory:	C:\Monitor\Tablespace	
		Browse	
	Туре:	⊙ DB2	*
InstallShield			
		< <u>B</u> ack <u>N</u> ext >	<u>C</u> ancel

21. Specify the database information for the HISTORY database -- enter and confirm the password for the db2admin userid. Click **Next**.

🚔 WebSphere Business Mor	nitor Installer		_ 🗆 X
2	Specify the database	e information for the Historical database:	
	Name:	HISTORY	
	Schema:	WBI	
	User ID:	db2admin	
	Password:	*****	
	Confirm password:	*****	
	Туре:	⊙ DB2	
InstallShield			
		< <u>B</u> ack <u>N</u> ext > <u>C</u> an	cel

22. Review the summary, and then click **Next** to start the database creation.

Important: When the database is being created, there will be multiple windows opening and closing as the scripts execute. It is recommended that the keyboard and mouse are not used until this has completed.

🚔 WebSphere Business Mo	nitor Installer	I X
	IBM WebSphere Business Monitor Version 6.0 will be installed in the following location:	
	C:\IBM\WebSphere\Monitor	
	with the following features:	
	Monitor Databases REPOSITORY Database RUNTIME Database HISTORICAL Database for a total size: 59.3 MB	
InstallShield	•	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel	

- ____ 23. The database creation will proceed silently.
- _____24. When the installation is complete, click **Finish**.

≜ WebSphere Business M	Ionitor Installer	_ 🗆 🗵
	The selected features have been installed.	
	The InstallShield Wizard has successfully installed IBM WebSphere Business Monitor Version 6.0. Choose Finish to exit the wizard.	3
InstallShield	< <u>B</u> ack <u>N</u> ext > Finis	h

25. When the windows close and only the Launchpad appears, the database creation is complete.

WebSphere Business Mon	itor Launchpad					
WebSphere. Business	s Monitor					IIV.
Welcome	Create datab	ases				X
Install Product 👘	Select the Web	Sphere Business Monito	r databases yo	ou want to create.		
Exit 👘	🗖 Data	pases				
	$\overline{\mathbf{v}}$	Repository database				
		State database				
	\checkmark	Runtime database				
	M	Historical database				
		<back 1<="" td=""><td>Nexts</td><td>Start Database Cre</td><td>ation</td><td></td></back>	Nexts	Start Database Cre	ation	
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Part 3: Installing the Dashboard Client pre-requisites

The Launchpad will now be used to install the Dashboard Client pre-requisites.

- 1. From the Launchpad (refer to the beginning of the lab if you need to re-open it) click **Install Product** on the left hand menu.
 - ____2. Select the **Dashboard Client** checkbox and then click **Next**.

🜐 WebSphere Business Moi	nitor Launchpad	
WebSphere Busines	s Monitor	IIV.
Welcome	Select features	PA)
Install Product	Select the WebSphere Business Monitor features you want to install.	
Exit	✓ Dashboard Client	
	🥅 Monitor Server	
	<back next=""> Start Monitor Insta</back>	Ilation
© The IBM logo and WebSphere rights reserved 2005.	e are trademarks or registered trademarks of IBM Corporation in the US, other countries,	or both. All

3. Notice that the DB2 and DB2 Cube Views pre-requisites are already installed from when you created the databases earlier. Expand the **IBM WebSphere Application Server Network Deployment v6.0.2.3** section and then click **Install.**

WebSphere Business Mo	nitor Launo	chpad	
WebSphere Busines	ss Monito	r	IIV.
Welcome	existen install t	ce of required software prerequisites. These prerequisites are needed to he features you selected. Review the status of each prerequisite.	
Create Databases 👘	Prerequ	Jisites	+
Install Product		IBM DB2 Universal Database Enternrise Server Edition v8.2.1	
Exit 👘		Install Status	
		••••••••••••••••••••••••••••••••••••••	
		IBM DB2 Cube Views v8.2.1	
	•	IBM WebSphere Application Server Network Deployment v6.0.2.3	
		Install Status 👸 Not Installed	
	•	IBM WebSphere Portal v5.1.0.2	7/1
		Install Status 🎲 🖁 Not Installed	
	10	IBM DB2 Alphablox v8.3	
		Install Status 🔐 Not Installed	
		· · · · · · · · · · · · · · · · · · ·	
		<back next=""> Start Monitor Installation</back>	
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phts reserved 2005.			
WebSphere Business Mo	nitor Launo	chpad	
WebSphere Busines	ss Monito	r	IIV.
Welcome	•	IBM DB2 Cube Views v8.2.1	
Country Destations		Install Status	
create Databases	- 2		\top
Install Product		IBM WebSphere Application Server Network Deployment v6.0.2.3	
Exit 👘		Install Status 🧊 Not Installed	
		IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor.	
		IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. IBM WebSphere Application Server Network Deployment v6.0.2.3 is required by the Dashboard client component.	
	2	IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. IBM WebSphere Application Server Network Deployment v6.0.2.3 is required by the Dashboard client component. IBM WebSphere Application Server Network Deployment v6.0.2.3 can be installed directly from the installation media. Click Install to begin the installation Install	Ą
		IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. IBM WebSphere Application Server Network Deployment v6.0.2.3 is required by the Dashboard client component. IBM WebSphere Application Server Network Deployment v6.0.2.3 can be installed directly from the installation media. Click Install to begin the installation Install	A
	•	IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. IBM WebSphere Application Server Network Deployment v6.0.2.3 is required by the Dashboard client component. IBM WebSphere Application Server Network Deployment v6.0.2.3 can be installed directly from the installation media. Click Install to begin the installation Install IBM WebSphere Portal v5.1.0.2 Install Status	A
	•	IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. IBM WebSphere Application Server Network Deployment v6.0.2.3 is required by the Dashboard client component. IBM WebSphere Application Server Network Deployment v6.0.2.3 can be installed directly from the installation media. Click Install to begin the installation Install IBM WebSphere Portal v5.1.0.2 Install Status Cack Next> Start Monitor Installation	A

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_ 4. Select the installation drive – we use the default C:\.



5. The installation will begin and progress silently, as shown below.

Be patient: the installation will take a while to complete (approximately thirty minutes).

≜ In pro	gress	×
i	Installing WebSphere Application Serv Please wait.	er.
	4%	
📥 In pro	gress	×
٢	Installing WebSphere Application Serv Please wait.	er.
	71%	

6. When the installation completes, verify that the Launchpad indicates WebSphere Application Server is installed.

WebSphere Business Monito	or Laund Monito	hpad r	
Welcome	×	IBM DB2 Universal Database Enterprise Server Edition v8.2.1	PA)
Install Product	•	IBM DB2 Cube Views v8.2.1 Install Status	
	•	IBM WebSphere Application Server Network Deployment v6.0.2.3 Install Status installed IBM WebSphere Application Server Network Deployment v6.0.2.3 is used to support WebSphere Business Monitor. This prerequisite has been satisfied.	A
	•	IBM WebSphere Portal v5.1.0.2 Install Status Installed	
	•	IBM DB2 Alphablox v8.3 Install Status <back< td=""> Next> Start Monitor Installation</back<>	
Ͽ The IBM logo and WebSphere are rights reserved 2005.	e tradem	arks or registered trademarks of IBM Corporation in the US, other countries, or both. A//	

7. Expand the IBM WebSphere Portal v5.1.0.2 section and then click Install.

🜐 WebSphere Business Monito	Launchpad	
WebSphere. Business	lonitor	
Welcome	This prerequisite has been satisfied.	
Create Databases 👘	 IBM WebSphere Portal v5.1.0.2 Install Status 	t Installed
Exit	IBM WebSphere Portal v5.1.0.2 is used to support WebSphere B Monitor.	usiness
	IBM WebSphere Portal v5.1.0.2 is required by the Dashboard Cli component.	ent .
	IBM WebSphere Portal v5.1.0.2 can be copied directly from the installation media for an unattended install. Click Install to begi installation (2.5 GB recommended): Note: Before starting the WebSphere Portal installation, disable firewall products that are running on the machine.	n the any
	IBM DB2 Alphablox v8.3 Install Status	t Installed
© The IBM logo and WebSphere ar rights reserved 2005.	Back Next> Start Monitor Install trademarks or registered trademarks of IBM Corporation in the US, other countries, or	ation or both. All

8. Select the installation drive – we use the default C:\.

WebSph	ere Business Monitor	×
?	Select a drive to install WebSphere Porta	ы.
	C/	-
	OK Cancel	

9. The installation will begin and progress silently, as shown below.

Be patient: the installation will take a long time to complete (approximately three hours).

🔹 In progress 🔀
Installing WebSphere Portal Please wait.
16%
🛓 In progress 🔀
Installing WebSphere Portal Please wait.
96%
🛓 In progress 🗵
Installing WebSphere Portal 5102 PTF Please wait.
Installing WebSphere Portal 5102 PTF Please wait.
Installing WebSphere Portal 5102 PTF Please wait.
Installing WebSphere Portal 5102 PTF Please wait. 17%
Installing WebSphere Portal 5102 PTF Please wait. 17% Installing WebSphere Portal 5102 PTF Please wait.

Note: The installation will install WebSphere Portal and then also a PTF for WebSphere Portal. You will see two progress bars – one each for Portal and its PTF.

10. When the installation completes, verify that the Launchpad indicates that WebSphere Portal is installed.

WebSphere Business Monit	Launchpad Dnitor	
Welcome	IBM DB2 Cube Views v8.2.1 Install Status	stalled
Install Product	 IBM WebSphere Application S Install Status IBM WebSphere Application S to support WebSphere Busine This prerequisite has been s 	Server Network Deployment v6.0.2.3 Installed Server Network Deployment v6.0.2.3 is used ess Monitor. atisfied.
	 IBM WebSphere Portal v5.1.0 Install Status IBM WebSphere Portal v5.1.0 Monitor. This prerequisite has been so 	0.2 0.2 is used to support WebSphere Business atisfied.
) The IBM logo and WebSphere a ights reserved 2005.	 IBM DB2 Alphablox v8.3 Install Status <back< li=""> rademarks or registered trademarks of IBM </back<>	Next> Start Monitor Installation All

_____11. Expand the IBM DB2 Alphablox V8.3 section and then click Install.

🌐 WebSphere Business Monit	r Launchpad	_ 🗆 X
WebSphere Business	N onitor	
Welcome	This prerequisite has been satisfied.	
Create Databases	 IBM WebSphere Portal v5.1.0.2 Install Status 	installed
Exit #	IBM WebSphere Portal v5.1.0.2 is used to support WebSphe Monitor.	ere Business
	This prerequisite has been satisfied.	0000
	 IBM DB2 Alphablox v8.3 Install Status IBM DB2 Alphablox v8.3 is used to support WebSphere Busi IBM DB2 Alphablox v8.3 is required by the Dashboard Client IBM DB2 Alphablox v8.3 can be installed directly from the in media. Click Install to begin the installation (250 MB recom Install 	Not Installed iness Monitor. t component. installation mended):
© The IBM logo and WebSphere a rights reserved 2005.	Start Monitor I e trademarks or registered trademarks of IBM Corporation in the US, other countr	nstallation ies, or both. A//

12. Select the installation drive – we use the default C:\.



_____ 13. The installation will begin and progress silently as shown.

🚔 In pro	gress	×
•	Installing DB2 Alphablox Please wait.	
	1%	
誊 In pro	gress	×
In pro	g ress Installing DB2 Alphablox Please wait.	×

____14. When the installation completes, verify that the Launchpad indicates that DB2 Alphablox is installed.

🜐 WebSphere Business Monito	r Launchpad	
WebSphere Business	Ionitor	
Welcome	Install Status	🞲 Installed 🛋
Create Databases	IBM WebSphere Application Server Network Deployment v6.0. to support WebSphere Business Monitor.	2.3 is used
Exit	This prerequisite has been satisfied.	0000
and and a second	 IBM WebSphere Portal v5.1.0.2 Install Status 	installed
	IBM WebSphere Portal v5.1.0.2 is used to support WebSpher Monitor. This prerequisite has been satisfied.	re Business
	 IBM DB2 Alphablox v8.3 Install Status 	if Installed
	IBM DB2 Alphablox v8.3 is used to support WebSphere Busin This prerequisite has been satisfied.	ess Monitor.
	<back next=""> Start Monitor In</back>	stallation
© The IBM logo and WebSphere ar rights reserved 2005.	trademarks or registered trademarks of IBM Corporation in the US, other countrie	is, or both. All

15. You can close the Launchpad by clicking **Exit** (located on the frame to the left) or you may leave it open until later.

Installation of all of the pre-requisites is complete, but the Dashboard Client capability still needs to be installed on top of the pre-requisites.

Part 4: Installing the Dashboard Client

Now that the pre-requisites are installed, it is time to use the Launchpad to complete the installation of the Dashboard Client.

- 1. If the Launchpad is not already running, start it (as shown previously).
- _____2. On the Launchpad, select Install Product.
- _____ 3. Select Dashboard Client and Click Next.
- 4. Check that all of the pre-requisites have been satisfied.
- 5. Click the **Start Monitor Installation** button.
- ____6. Read and accept the license agreement and non-IBM terms. Click Next.

絭 WebSphere Business Me	onitor Installer	_ 🗆 X
	Software License Agreement	
	Please read the following license agreement carefully.	
	International Program License Agreement	
	Part 1 - General Terms	
	BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING THE PROGRAM YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT T YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEG ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,	E THAT AL
and the second second	DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM	-
	Read non-IBM terms	
	I accept both the IBM and the non-IBM terms.	
	C I do not accept the terms in the license agreement	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ar	icel

_____7. Review the WebSphere Portal information.

👙 WebSphere Business Mo	nitor Installer	
	Specify the WebSphere Portal in Client feature:	formation needed to install the Dashboard
	Profile name:	'e\AppServer\profiles\dashboard
		Browse
	Cell name:	dashboardNode01Cell
	Node name:	Node01
	Server name:	WebSphere_Portal
	Portal User ID:	wpsadmin
	Password:	*****
	Confirm password:	****
	Configuration hostname:	liocalhost 💌
InstallShield		
		< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

8. Scroll down and specify the **Process Server hostname** and **Process Server bootstrap port**. This information is required so that the Dashboard users will be able to administrate active process instances (running the in the Process Server) using the Active Instances dashboard view. Click **Next**. The Process Server hostname is the DNS name of the machine that you use when you install your BPEL/Business Process Server. Unless you plan to alter it when you install that server, then the bootstrap post number will be the default value, 2809.

🚔 WebSphere Business Mor	nitor Installer	
		Browse
₹.	Cell name:	dashboardNode01Cell
	Node name:	Node01
	Server name:	WebSphere_Portal
	Portal User ID:	wpsadmin
	Password:	*****
	Confirm password:	****
	Configuration hostname:	localhost
	Configuration port:	9081
	Process Server (BPEL) hostname:	process.pic.uk.ibm
	Process Server (BPEL) bootstrap port:	2809
InstallShield		
	< <u>B</u> a	ack <u>N</u> ext ≻ <u>C</u> ancel

Note: The WebSphere Portal installation created the default 'wpsadmin' user that has a default password of wpsadmin. These values are pre-filled in the installation dialog.

9. Review the DB2 Alphablox settings. Click **Next**.

≜ WebSphere Business Mor	nitor Installer	
	Installation directory:	C:\IBM\DB2Alphablox
	User ID:	admin
	Password:	****
	Confirm password:	*****
	Hostname:	localhost
	Telnet port:	23
And the second second	🗹 Set WebSphere B	usiness Monitor as the DB2 Alphablox default theme
	🔽 Set WebSphere B	usiness Monitor as the WebSphere Portal default theme
	🔽 Use WebSphere B	Business Monitor welcome page for WebSphere Portal
InstallShield		
		< <u>B</u> ack <u>Next > C</u> ancel

Note: The Alphablox installation created the default Alphablox 'admin' user that has a default password of 'password'. These values are pre-filled in the installation dialog.

_____10. Review the summary and then click **Next** to start the installation.

📥 WebSphere Business Mor	nitor Installer	_ 🗆 🗙
WebSphere Business Mor	Nitor Installer	g
InstallShield	,	
	< <u>B</u> ack <u>Next</u> <u>C</u> ano	:el

_11. The installation will begin and progress silently, as shown below.

Be patient: the installation will take a while to complete. It may also seem to stop at certain progress percentages, for example at 95%.

🚔 WebSphere Business Mor	nitor Installer 📃 🖂 🖂						
E.	Installing IBM WebSphere Business Monitor Version 6.0. Please wait						
InstallChield	1%						
Instalishield -	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel						
ی WebSphere Business Mor	nitor Installer						
InstallShield							

< <u>B</u>ack

<u>N</u>ext ≥

<u>C</u>ancel

_____ 12. After the installation completes, click **Finish.**

👙 WebSphere Business Monitor Installer 📃 🖂 🖂					
	The selected features have been installed.				
	The InstallShield Wizard has successfully installed IBM WebSphere Business Monitor Version 6.0. Choose Finish to exit the wizard.				
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>Finish</u>				

_____13. Click **Exit** (located in the frame to the left) to close the Launchpad.

l WebSphere Business Monitor Launchpad	
WebSphere Business Monitor	IEM.
Welcome Image: Select features Create Databases Image: Select features	R
Install Product 👘 Select the WebSphere Business Monitor features you want to install.	
Exit Dashboard Client	
Back Next> Start Monitor Installation © The IBM logo and WebSphere are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. All rights reserved 2005.	

Part 5: Verifying the installation

In this part of the lab you will perform a simple test to check that the installation is correct.

- 1. Start the Dashboard Client by choosing Start > All Programs > IBM WebSphere > Portal Server v5.1 > Start the Server.
- 2. A window will open and the server will start. This may take some time.
- ____3. Open a browser and go to http://localhost:9081/wps/portal.

🗿 IBM WebSphere Business Monitor - Microsoft Internet Explorer	
<u>Elle Edit Vi</u> ew F <u>a</u> vorites <u>I</u> ools <u>H</u> elp	🥂 🕺
😮 Back 🔹 🕥 👻 😰 🏠 🛛 Address 🖉 http://dashboard.pic.uk.ibm.com:9081/wps/portal	
	I forgot my password Sign up 🎯 Help 🛽 🌗 Log in 💻
WebSphere. Business Monitor	IX.
Welcome	
Welcome	
IBM WebSphere Business Welcome	Monitor Version 6.0
	WebSphere Business Monitor Dashboard
	6.0'20051215_1137'
	Licensed Material - Property of IBM 5724-M24 © Copyright IBM Corp. 2005. All Rights reserved.
I	Internet

- 4. The WebSphere Business Monitor Welcome page should appear.
- 5. Click Log-in in the top right, enter user wpsadmin and password wpsadmin and click Log-in

IBM WebSphere Business Monitor - Microsoft Internet	t Explorer						×
<u>Eile Edit View Favorites Tools H</u> elp							7
G Back ▼ ○ ▼ ▼ 2 ☆ Address http://dash	board.pic.uk.ibm.com:9081/wps/myportal/!ut	t/p/kcxml/0wcA1NLTe	Q!I				-
			My Portal Adr	ninistration Edit n	ny profile Action:	s 🔻 🙆 Help 🚺 Log out	
WebSphere. Business Monitor						IDM.	
Welcome Getting Started My Workplace	Documents Personalization	My Finances	My Work				
Welcome						û - D	
				H			
	IBM WebSphe	ere Busi	ness Mo	onitor V	ersion	6.0	
Welcom	10						
Getting Started	Online Library		N	VebSphere Bu	isiness Monit	or Dashboard	
Get up and running with Monitor.	WebSphere Business Monitor library		6	.0'20051215_113	7'		
Administration			L 5	icensed Material - 724-M24) Copyright IBM C	Property of IBM orp. 2005. All Rig	hts reserved.	
Done						Internet	•

___6. Click **Log out** at the top right

What you did in this exercise

In Part 1, you began by obtaining the necessary zip files and extracting them into the correct directory structure for the Launchpad.

In Part 2, you created the REPOS, RUNTIME and HISTORY databases on the Dashboard Client machine because the Dashboard Client makes frequent use of these databases.

In Part 3, the Launchpad was used to install the pre-requisite software – DB2 Alphablox, WebSphere Application Server Network Deployment and WebSphere Portal.

In Part 4, the Dashboard Client was installed.

In Part 5, the installation was tested.

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