Installing Monitor Server V6.0.2 – Advanced Scenario 1

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What this exercise is about

The objective of this lab is to show step by step instructions for installing WebSphere[®] Business Monitor V6.0.2 using installation type **Advanced Scenario 1**.

Scenario 1: The Advanced installation allows you to install on multiple machines, and this particular lab is designed to do so with the Monitor Server and Dashboard co-existing on one machine and the Remote Monitor Databases on the second machine.

Lab requirements

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

- WebSphere Business Monitor V6.0.2
- WebSphere Process Server V6.0.2
- WebSphere Application Server 6.0.2.17
- WebSphere Portal Server V5.1.0.4
- DB2[®] UDB V8.2.6
- DB2 Cube Views V8.2.6
- DB2 Alphablox V8.4.0

What you should be able to do

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

- Install DB2 UDB V8.2.6 and DB2 Cube Views V8.2.6 remote to Monitor and Dashboard servers
- Create MONITOR and DATAMART databases remote to Monitor and Dashboard servers
- Install WebSphere Application Server V6.0.2.17 and WebSphere Portal Server V5.1.0.4
- Install WebSphere Process Server V6.0.2
- <u>Optionally</u> install WebSphere Process Server V6.0.2 manually out of the Monitor Launchpad to use DB2 for Process Server databases on a remote Database server.
- Install WebSphere Business Monitor Server and Dashboard

Exercise instructions

Some instructions in this lab may be 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 vs. .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
<monitor_home></monitor_home>	C:\IBM\WebSphere\Monitor	
<wps_home></wps_home>	C:\IBM\WebSphere\ProcServer	
<wps_profile_dir></wps_profile_dir>	<wps_home>\profiles\wbmonitor</wps_home>	
<db2_home></db2_home>	C:\IBM\DB2\SQLLIB	
<was_home></was_home>	C:\IBM\WAS	
<portal_home></portal_home>	C:\IBM\PortalServer	
<alphablox_home></alphablox_home>	C:\IBM\Alphablox	
<db2_backup_dir></db2_backup_dir>	<monitor_home>\dbbackup</monitor_home>	
<db2_tablespace_dir></db2_tablespace_dir>	<monitor_home>\dbspace</monitor_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 Advanced installation allows you to customize the installation of the Monitor components on one or multiple machines, and it can be used for small to large production systems.

The key part of this lab is the **Launchpad** program, which is used to install all the pre-requisites and the Monitor Server components. The improved Launchpad program makes installing the complete set of supporting software very simple. This improved Launchpad program also supports the incremental installation, leveraging the existing pre-requisite product installations.

The Monitor Server runs on top of WebSphere Process Server 6.0.2. WebSphere Process Server V6.0.2 is installed as one of the pre-requisites. The Dashboard runs on WebSphere Portal Server. The Monitor databases can be configured to be either remote or local to the Monitor and Dashboard Servers.

The diagram, shown below shows how the Advanced installation takes advantage of Monitor and Dashboard Servers co-existing on one machine with the Monitor databases on a remote database server. The WebSphere Process Server DB2 databases can be optionally created on a local or remote database server. To use DB2 for remote Process Server databases, WebSphere Process Server is installed manually outside the Monitor Launchpad and the Process Server databases are manually created.



WebSphere Business Monitor Server v 6.0.2 includes the following new installation features and improvements:

- Launchpad now supports incremental installation. The pre-requisite products can be installed manually outside of the Launchpad environment, and then Monitor can be incrementally installed "on top of" these prerequisite products
- You can select from Basic and Advanced modes depending on the stage of use (prototyping vs. production). Basic mode uses many default options, reducing complexity, while Advanced includes flexibility required in production installs
- The WebSphere Portal Server footprint size is reduced
- The number of databases has been reduced from five to two. The number of database replications is reduced from two to one. Database tables and columns now have simpler, more meaningful names
- Database Architecture is simplified to use only MONITOR and DATAMART (formerly called HISTORY) databases
- The product includes silent install capability for Monitor features such as the database, Monitor server, and the dashboard server
- The Launchpad gives you a choice to use DB2 as the Process Server Database
- Overall install process time has been cut by more than 50%

Part 1: Preparing the Launchpad for Monitor databases

In this section of the lab, the pre-requisite software required for creating Monitor databases will be obtained and extracted.

The following steps are all performed on the Database Server Machine:

- 1. To create the Monitor Databases, the following installation files are needed
 - ____a. ESE_v826.zip (DB2 UDB ESE V8.2.6)
 - ___b. CUBE_v826.zip (DB2 Cube Views V8.2.6)
 - ____ c. Monitor_602.zip (WebSphere Business Monitor V6.0.2 Driver)

Note: Winzip versions before version 10 could have problems extracting the number of files or the directory structure depth from the source archive (.zip) files. Use unzip instead, which can be downloaded from the Internet at http://www.info-zip.org/pub/infozip/.

2. Extract all of the .zip files into a directory named for example, C:\CDImageV602-DB\ to create an on-disk image and confirm that the directory structure was extracted correctly; it should appear similar to the picture below:



Note: If using WinZip, a right-click on the .zip files selecting "**Extract here**" from the context menu will produce the correct directory structure for the Monitor Launchpad to detect the pre-requisite software.

Part 2: Creating Monitor databases

This part of the lab helps you to set up the Remote Database server for the Advanced installation. The Launchpad program can install the pre-requisite software; however, the Launchpad program also detects the prerequisite software if they were pre-installed. Instructions for pre-installing the pre-requisite software required for creating Monitor Databases can be found at the end of the document, in the section "<u>Task 1: Pre-install</u> the Monitor database pre-requisites"



The following pre-requisite is not mandatory but if you want to:

Note: The Launchpad will create the DB2 user and groups if they do not exist during the DB2 installation.

Create DB2 Administrator user, DB2 Administrator groups

- The DB2 Administrator user must be an Operating System user with administrative privileges
- The DB2 Administrator user must be less than or equal to 8 characters
- Create two groups DB2ADMINS and DB2USERS
- Create a user (for example db2admin) and ensure the user is the member of Administrators and DB2ADMINS groups

Follow the instructions below to create Monitor Databases. The following steps are all performed on the **Database Server Machine.**

- 1. From the directory where all the pre-requisites and Monitor driver are extracted (Ex:-C:\CDImageV602-DB\), double click on the launchpad.bat to run the Launchpad
 - ____ 3. From the welcome screen click on **Install** link

WebSphere Business Mo	nitor Launchpad	
WebSphere Busines	ss Monitor Version 6.0.2	IIV.
WelcomeTechnotesImage: Constant of the second sec	 Welcome to the Launchpad for IBM WebSphere Business Monitor Version 6.0.2 The WebSphere Business Monitor Launchpad prepares your computer for the installation of the WebSphere Business Monitor product. You can choose between Basic and Advanced installation, or add more components to an existing installation. The launchpad uses already installed prerequisites that meet the required version level. It also installs any missing prerequisites. The launchpad collects all necessary information first and then installation of the product and its prequisites proceed with a single click of a button. Click Install on the left navigation menu to proceed with the installation. 	
© The IBM logo and WebSpher rights reserved 2005, 2006.	e are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. A//	

_____4. Read the License Agreement and accept the agreement

WebSphere Business Mo	nitor Launchpad	
WebSphere Busine	Software License Agreement	IIN.
Welcome Technotes # Install	Please read the accompanying license agreement carefully before using the Program. By selecting "Accept" below or using the Program, you agree to accept the terms of this agreement. If you select "Decline", installation will not be completed and you will not be able to use the Program.	
Tips 🖶	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 THAT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS, - DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND	ct
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- _____ 5. Click the **Accept** button to continue
- _____ 6. In the following screen, select the Installation Type as Advanced

WebSphere Busines	s Monitor Version 6.0.2			i in.
Welcome 中 Technotes 中 Install Tips 中 Exit 中	Installation Type Select the installation you wa Basic C Allows you to installation machine - ideal j demonstrations of Advanced C Allows you to cu components on small to large p	nt to perform. stall all monitor components for quick prototyping, proof- and testing. ustomize the installation of one or multiple tiers - can b roduction systems.	in a single of-concepts, the monitor ie used for	
	Back	Nevts	Install	

- ____7. Click Next
- 8. In the following **Components to Install** screen, by default all the components are selected for Installation as shown in the picture below:

WebSphere Business Monitor Version 6.0.2			
Welcome 🗰		Advanced Installation	
Install Components to Install		0	TX
Tips Implementation Exit Implementation	ent from the list below:		
🔽 Select all			
Monitor Server			
🔽 Dashboard			
🔽 Databases			NIX ·
			111
<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	

9. Unselect all the options except the one next to **Databases**

WebSphere E	Business M	Ionitor Version 6.0.2			IBM
Welcome Technotes	nþ. nh			Advanced Installation	2
Install	(Components to Install		0	
r ips Exit	+ +	Choose at least one component f	rom the list below:		
		Monitor Server			
		🗖 Dashboard			H
		Databases			N
		-Back	Nexts	Install	

____ 10. Click Next

- _____ 11. In the following **Database setup** screen, for the **MONITOR Database setup**:
 - ____a. Select the MONITOR tab
 - ____b. Select the check box next to Configure
 - ____ c. Select the radio button next to **Type 2** for the **JDBC Driver Type**

Note: There are two types of JDBC Driver Types that can be chosen from: Type 2 and Type 4.

For Type 2, the native-API/partly JAVA driver communicates directly with the database server; therefore requiring some binary code on the client machine.

For Type 4, the native-protocol/all JAVA driver converts JDBC calls into the vendor-specific database management system (DBMS) protocol so that the client applications can communicate directly with the database server. Type 4 drivers are completely implemented in JAVA to achieve platform independence and eliminate deployment administration issues.

- ____ d. Select the radio button next to Local
 - 1) Enter the following information:
 - a) User Name : db2admin
 - b) Password : xxxxxxx
 - c) Confirm Password : xxxxxxx
 - d) Database Name : MONITOR

Note: When selecting the check box next to 'Create DDL Scripts only', the MONITOR database scripts are generated and can be run manually to create the MONITOR database.

WebSphere Business Me WebSphere. Busine	onitor Launchpad ess Monitor Ver	sion 6.0.2		666 666 666	IIN.
Welcome 🗰	Monitor Data M	/art			*
Technotes 🗰 Install 👘	JDBC driver:	⊙ Туре 2 С Т	Not config	ured	
Exit 🌵	C Local	User name:	Password:		
		db2admin	******		
			Confirm Pass	word:	
		Database name:	******		
		MONITOR	Create DI	DL scripts only	
	C Remote	Remote user name:	Remote pass	word:	
		 Local DB alias:	l Remote DB ns	ame:	and the second second
		MONITOR			
	<bac< td=""><td>k </td><td>Next></td><td>Install</td><td></td></bac<>	k	Next>	Install	

____ 12. In the current **Database setup** screen, for the **DATAMART Database setup**:

- ____a. Select the DATAMART tab
- ____b. Select the check box next to Configure
- ____ c. Select the radio button next to Type 2 for the JDBC Driver Type
 - 1) Enter the following information:
 - a) User Name : db2admin
 - b) Password : xxxxxxx
 - c) Confirm Password : xxxxxxx
 - d) Database Name : DATAMART

Note: When selecting the check box next to 'Create DDL Scripts only', the DATAMART database scripts are generated and can be run manually to create the DATAMART database.

🜐 WebSphere Business Monito	r Launchpad				
WebSphere Business	Monitor Versio	n 6.0.2			IEM.
Welcome 🕪	Monitor Data Mart	1			
Technotes 🗰	Configure		🔍 Not configu	red	
Install 👘	JDBC driver:	Type 2 C Type 4			
Exit 🌵	Cocal	User name:	Password:		0000
		db2admin	******		0000
			Confirm Passw	/ord:	

		Database name:			
	121111 10	IDATAMART	Create DDI	L scripts only	744
	C Remote	Remote user name:	Remote passw		
		Local DB alias:	Remote DB nan	ne:	and the second second
		INATAMART] _	
	<back< th=""><th>Ne</th><th>xt></th><th>Install</th><th></th></back<>	Ne	xt>	Install	
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13. Click Next					
14. Accept the def	aults on the follo	owing Database T	arget Director	ies screen	
DB2 Home	Э	: C:\IB	M\DB2\SQLLI	В	
Install DB2	2 Enterprise Ser	ver Edition : Seled	cted (defaulted	and not available)

- WebSphere Business Monitor Home : C:\IBM\WebSphere\Monitor
- DB2 backup directory : C:\IBM\WebSphere\Monitor\dbbackup
- DB2 table space directory : C:\IBM\WebSphere\Monitor\dbspace

Note: The **Install DB2 ESE** and **DB2 Cube Views** options are selected by default and not available since they are mandatory.

WebSphere Business More	nitor Launchpad			
WebSphere Busines	ss Monitor Version 6.0.	2		IIN.
Welcome ⊯ Technotes ⊯	Databases		Advanced Installation	· 1
Install	Target Directories		0	
Tips 🗰	DB2 Home:	🔛 Not installed		
E AT C III	C: VBM/DB2/SQLLIB		Browse	
	🔽 Install DB2 Enterprise Serve	er Edition		
	🔽 Install DB2 Cube Views			
	WebSphere Business Monitor H	nome:		
	C:VBMWVebSphereWonitor		Browse	
	DB2 backup directory:			
	C:\BMWVebSphere\Monitor\dbb	packup	Browse	
	DB2 table space directory:	18 - 1	C.	111
	C: VBMWVebSphere Wonitor dbs	space	Browse	
	< Back	Next>	Install	
© The IBM logo and WebSphern rights reserved 2005, 2006.	e are trademarks or registered trade	emarks of IBM Corporation in the	US, other countries, or both. All	

____ 15. Click Next

_____16. Review the installation Summary and click Install

Note: Follow the Warning message as shown below:



⊕ Web5phere Business № WebSphere Busin	tonitor Launchpad Less Monitor Version 6.0.2		60000 60000 60000	
Welcome # Technotes #	Summary		Advanced Installation	
Install	The following will be installed	on this system:		
Exit #	Databases IBM DB2 Enterprise Serve IBM DB2 Cube Views 8.2. MONITOR (create local) DATAMART (create local)	r Edition 8.2.6 6		A
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSph rights reserved 2005, 2006.	ere are trademarks or registered tradema	arks of IBM Corporation in the	US, other countries, or both. All	

_____17. The installation progresses without interruption in the following sequence :



____a. DB2 Installation Progress. This takes about 4 minutes to install



____b. DB2 Cube Views Installation Progress. This takes about 2 minutes to install



Note: Once the DB2 Cube Views installation is complete (pre-requisites completed), the installation wizard is launched automatically to install the monitor server components: the VpdExport and the Monitor databases MONITOR and DATAMART. The Monitor un-installer is also created at this time.

____ c. The installation progresses with the VpdExport component which holds the installation information of the monitor server components. This takes around 10 minutes to complete

Note: VpdExport is an InstallShield tool where the Monitor Install and Uninstall information is recorded and maintained as a database. VpdExport is installed when the first Monitor feature is installed and uninstalled when the last Monitor feature is uninstalled.

VpdExport is located at C:\Program Files\Common Files\InstallShield\Universal\Common\Gen2_vpddb

IBM WebSphere Bu	isiness Monitor Version 6.0.2 - InstallShield Wizard	_ 🗆 🗙
WebSphere. Business Monitor Version 6.0.2	Installing VPDExport. Please wait	
	Extracting 0%	
InstallShield	<u>C</u> ancel	

____ d. MONITOR Database creation. This takes about 3 minutes to complete

🖼 DB2 CLP	_ 🗆 🗵
db2start DB2 -s CREATE DATABASE MONITOR using codeset UTF-8 territory US -	
	-

____e. DATAMART Database creation. This takes about 2 minutes to complete



__ f. Once the database creation is complete, the installer checks the status of the Monitor databases created as follows:

Installation status	×
Checking installation status of Datamart data	abase
Installation status	×
Installation status Checking installation status of Monitor data	base

18. Review the **Result** Summary and ensure all the software components listed are successfully installed



____19. Click Finish

____20. Click **Yes**



- _____ 21. Reboot the machine
- _____ 22. The Monitor Databases Installation is complete

Part 3: Prepare the Launchpad for Monitor and Dashboard installation

In this section of the lab, the pre-requisite software required for Monitor and Dashboard Servers will be obtained and extracted.

After installing the databases on the Database Server machine, the Monitor and Dashboard Servers can now be installed on the Monitor/Dashboard Server machine. As the Monitor and Dashboard Servers co-exist on one machine, the on-disk structure for the Launchpad to run can be the same for both the installations.

Note: In this scenario, the Monitor and Dashboard Servers co-exist on one machine with the Monitor databases on a database server machine.

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

1. The following are the installation files needed to install the Monitor and Dashboard Servers

- ____a. Alphablox_v840.zip (Alphablox V8.4.0)
- ____b. ESE_v826.zip (DB2 UDB ESE V8.2.6)
- ___ c. Portal_v5104.zip (WebSphere Portal Server V5.1.0.4)
- ____d. WAS_v60217.zip (WebSphere Application Server V6.0.2.17)
- ____e. ProcessServer_v602.zip (WebSphere Process Server V6.0.2)
- ____f. Monitor_v602.zip (WebSphere Business Monitor V6.0.2 Driver)

Note: Portal Server does not support WebSphere Process Server V6.0.2 and therefore it cannot be installed on the WebSphere Application Server that comes with the WebSphere Process Server V6.0.2 installation. A separate WebSphere Application Server V6.0.2.17 installation is required.

23. Download all the installation .zip files to a directory for example : C:\MonitorDrivers-v602



Note: Winzip versions before version 10 could have problems extracting the number of files or the directory structure depth from the source archive (.zip) files. Use unzip instead, which can be downloaded from the Internet at http://www.info-zip.org/pub/infozip/.

____a. Extract all of the .zip files into a directory C:\CDImage-v602\ and confirm that the directory structure was extracted correctly; it should appear similar to the picture below:



Note: If using WinZip, right-clicking on the .zip files selecting "**Extract here**" from the context menu gives the correct directory structure for the Monitor Launchpad to detect the pre-requisite software.

IMPORTANT: The Monitor and the Dashboard are installed separately but you should ensure that the Dashboard is installed first and the Monitor is installed second. The problem has to do with the WebSphere Application Server for Dashboard and the WebSphere Process Server pre-requisite for Monitor and the fact that their default ports happen to be the same. Obviously, if both the WebSphere Application Server and the WebSphere Process Server are being installed on the same machine, it is undesirable for their ports to overlap. Therefore, at least one of the products must make use of different port numbers from its defaults. Unfortunately, if the WebSphere Process Server is already installed, and then the WebSphere Application Server application Server is installed next, the WebSphere Application Server installation does not adjust its port numbers. Fortunately, in the reverse situation, WebSphere Process Server will adjust its port numbers.

Therefore, the workaround is to make sure WebSphere Application Server is installed before the WebSphere Process Server Installation. To ensure the workaround is achieved, the Dashboard is installed before the Monitor Server.

Part 4: Installing Dashboard server

This part of the lab helps you install the Dashboard Server and its supporting software (pre-requisites). The Launchpad program can install the pre-requisite software, however, the Launchpad program also detects the prerequisite software if they were pre-installed. Instructions for pre-installing the Monitor pre-requisite software can be found at the end of the document, in the section "Task 2: Pre-install the Dashboard pre-requisites"



The Launchpad program expects the following pre-requisites be met for the WebSphere Application Server installation:

Create WebSphere Application Server user

- The WebSphere Application Server user must be an Operating System user with administrative privileges
- The existing Administrator user ID can be used as a WebSphere Application Server user
- If planned to use a user other than Administrator, create a user (for example **wasadmin**) and ensure the user is the member of **Administrators** group.

The following pre-requisite is not mandatory but if you want to:

Note: The Launchpad creates the DB2 user and groups if they do not exist during the DB2 installation.

Create DB2 Administrator user, DB2 Administrator groups

- The DB2 Administrator user must be an Operating System user with administrative privileges
- The DB2 Administrator user must be less than or equal to 8 characters
- Create two groups DB2ADMINS and DB2USERS
- Create a user for example db2admin and ensure the user is the member of Administrators and DB2ADMINS groups

Follow the instructions below to complete the installation of the Dashboard Server.

1. From the directory where all the pre-requisites and the Monitor driver are extracted (Ex:-C:\CDImage-v602\), double click on the launchpad.bat to run the Launchpad



- 2. From the welcome screen click on **Install** link
- 3. Read the license agreement and accept the agreement

🕀 WebSphere Business M	onitor Launchpad	
WebSphere Busin	Software License Agreement	
Welcome Technotes #	Please read the accompanying license agreement carefully before using the Program. By selecting "Accept" below or using the Program, you agree to accept the terms of this agreement. If you select "Decline", installation will not be completed and you will not be able to use the Program.	
Tips H	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 THAT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS, - DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND	ct A
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- _____4. Click the **Accept** button to continue
- _____5. In the following screen, select the Installation Type as Advanced

WebSphere Busines	s Monitor Version 6.0.2			i in.
Welcome 中 Technotes 中 Install Tips 中 Exit 中	Installation Type Select the installation you wa Basic C Allows you to installation machine - ideal j demonstrations of Advanced C Allows you to cu components on small to large p	nt to perform. stall all monitor components for quick prototyping, proof- and testing. ustomize the installation of one or multiple tiers - can b roduction systems.	in a single of-concepts, the monitor ie used for	
	Back	Nevts	Install	

- ____6. Click Next
- 7. In the following **Components to Install** screen, ensure that only the check boxes next to **Dashboard** and **Databases** are selected

WebSphere Business	Monitor Launchpad			
Welcome Technotes	њ		Advanced Installation	
Install	Components to Install		0	TX
Tips Exit	Choose at least one componer	nt from the list below:		
	🗔 Select all			0000
	Monitor Server			
	🔽 Dashboard			ZA
	🔽 Databases			
				111
	<back< td=""><td>Next≻</td><td>Install</td><td></td></back<>	Next≻	Install	

8. Click Next

- 9. Verify the following **Dashboard Target Directories** screen
 - WebSphere Application Server home : C:\IBM\WAS
 - WebSphere Portal home : C:\IBM\PortalServer
 - DB2 Alphablox home : C:\IBM\Alphablox
 - WebSphere Business Monitor home : C:\IBM\WebSphere\Monitor
- ____ 10. Click Next
- _____ 11. In the following **WebSphere Portal Information** screen:
 - a) Review the Profile name, Cell Name, Node Name and Server Name
 - Profile name : wp_profile
 - Cell name : hostnameNode01Cell (depends on the system host name)
 - Node name : Node01
 - Server name : WebSphere_Portal
 - b) Profile path : C:\IBM\WAS\profiles\wp_profile

WebSphere Business WebSphere <mark>Busi</mark> n	Monitor Launchpad ness Monitor Version 6.0.2			
Welcome Technotes	Dashboard		Advanced Installation	
Install	WebSphere Portal Information		0	TX
Tips Exit	Profile name:	Cell name:		
	wp_profile	aimcp097Node01Cell		000
	Node name:	Server name:		-
	Node01	WebSphere_Portal		
	Profile path:			// H
	C:\IBM\WAS\profiles\wp_profile	Brows	e]	11
				111
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	

- _____ 12. Accept the defaults and click **Next**
- 13. In the following **DB2 Alphablox Information** screen, accept the defaults for the **Hostname** and **Telnet port**. Ensure all the check boxes are selected
 - ____a. Hostname : **localhost** (or the fully qualified host name)
 - ____b. Telnet port : 23 (modify if this port number is being used by another process)

🕀 WebSphere Business Mo	mitor Launchpad			
WebSphere Busine	ss Monitor Version 6.0.2			IBN.
Welcome 🏨 Technotes 🗰	Dashboard		Advanced Installatio	" []
Install	DB2 Alphablox Information		0	
Tips 🏢 Exit 🕸	Hostname:		Telnet port:	
	localhost		23	
	🔽 Use WebSphere Business Mo	nitor theme as DB2 Alphablox	default theme	
	🔽 Use WebSphere Business Mo	nitor theme as WebSphere Po	ortal default theme	
	Vse WebSphere Business Mo	nitor page as WebSphere Por	tal welcome page	
				111
	2			
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSpher rights reserved 2005, 2006.	e are trademarks or registered tradema	arks of IBM Corporation in the	US, other countries, or both. All	

____ 14. Click Next

- 15. In the following screen, provide the WebSphere Application Server Admin ID, WebSphere Portal Admin ID and DB2 Alphablox Admin ID with their respective Passwords
 - WebSphere Application Server Admin ID / Password : Administrator/xxxxxxxxx
 - WebSphere Portal Admin ID / Password
 : wpsadmin/wpsadmin (accept default)
 - DB2 Alphablox Admin ID / Password
- : admin/password (accept default)

Note: The **WebSphere Application Server User** is an Operating System specific user and it is mandatory that that the user be pre-existing and ensure that it be part of the **Administrators** group

Error	Error	×
CVMLP2055E The WAS username, admin, does not exist	8	CVVMLP2057E: The VVAS username, admin, is not a member of the Administrators group
ок		ок

Note: The **WebSphere Portal Admin** and **DB2 Alphablox Admin** users and passwords default to **wpsadmin/wpsadmin** and **admin/password**. For this exercise, it is recommended that you accept the defaults.

VebSphere Busine	ess Monitor Version 6.0.2			IEM
Velcome 🗰	Dashboard		Advanced inst	ulation
nstall	User name and Password			0
Exit 🖷	WebSphere Application Server Ad	lmin ID:	Password:	
	Administrator		*****	
	WebSphere Portal Admin ID:		Password:	
	wpsadmin		*****	
	DB2 Alphablox Admin ID:		Password:	
	admin		*****	
	Back	Nevt>	Install	
	SDOCK	INCALS		The second is a second in the second is a second in the second is a second in the second is a second i

- ___16. Click Next
- ____ 17. In the following **Database setup** screen, for the **MONITOR Database setup**:
 - ____a. Select the MONITOR tab
 - ____b. Select the check box next to Configure
 - ____ c. Select the radio button next to Type 2 for the JDBC Driver Type

Note: There are two types of JDBC Driver Types that can be chosen from: Type 2 and Type 4.

For Type 2, the native-API/partly JAVA driver communicates directly with the database server; therefore requiring some binary code on the client machine.

For Type 4, the native-protocol/all JAVA driver converts JDBC calls into the vendor-specific database management system (DBMS) protocol so that the client applications can communicate directly with the database server. Type 4 drivers are completely implemented in JAVA to achieve platform independence and eliminate deployment administration issues.

- ____d. Enter the DB2 username and password of the Local database server
 - 1) User name : db2admin
 - 2) Password : xxxxxxx
 - 3) Confirm Password : xxxxxxxx
- ____e. Select the radio button next to **Remote**

1) Enter the DB2 username and password of the Remote MONITOR database

Note: Ensure that the DB2 Admin user of the Remote Database server is used here as the Launchpad catalogs the Remote Monitor Databases in this scenario.

- a) User name : db2admin
- b) Password : xxxxxxxx
- 2) Enter the Local Monitor DB Alias name and the Remote Monitor DB name:
 - a) Local DB alias : MONITOR
 - b) Remote DB name : MONITOR
- 3) Enter the correct **DB2 server hostname** (fully qualified remote Database Server host name) and **DB2 server port (50000)**

Welcome Image: Compare the second	WebSphere Busine	ss Monitor Ver	sion 6.0.2			IBM
Technotes III Install Image: Contract of the second of the se	Welcome 🗰	JDBC driver:	Type 2 С Туре 4			and a
Tips the kit the kit the db2admin fit###### Confirm Password: fit###### Database name: MONITOR Create DDL scripts only fit Remote Remote user name: db2admin fit####### Local DB alias: Remote DB name: MONITOR DB2 server hostname: DB2 server nemote port: aimcp098.austin.ibm.com	Technotes 🗰	C Local	User name:	Password:		
Exit up Confirm Password: Textextext Database name: MONITOR Create DDL scripts only Remote user name: Abb2admin ******* Local DB alias: Abb2admin ******* Local DB alias: Remote DB name: MONITOR DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com S0000	Tips 🗰		db2admin	******		
******* Database name: MONITOR MONITOR © Remote Remote user name: db2admin ******** Local DB alias: Remote DB name: MONITOR Dotabase name: Database name: DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com	Exit 🔶			Confirm Password:		
Database name: MONITOR Create DDL scripts only Image: MONITOR Remote user name: Remote password: db2admin ******** Local DB alias: Remote DB name: MONITOR MONITOR DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com 50000	an a			******		
MONITOR Create DDL scripts only Remote Remote user name: db2admin ******** Local DB alias: Remote DB name: MONITOR MONITOR DB2 server hostname: DB2 server remote port: jaimcp098.austin.ibm.com 50000			Database name:			-
Remote Remote user name: Remote password: db2admin ******** Local DB alias: Remote DB name: MONITOR MONITOR DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com 50000			MONITOR	Create DDL scr	ipts only	-
db2admin ******* Local DB alias: Remote DB name: MONITOR MONITOR DB2 server hostname: DB2 server remote port: jaimcp098.austin.ibm.com 50000		Remote	Remote user name:	Remote password:		
Local DB alias: Remote DB name: MONITOR MONITOR DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com 50000			db2admin	******		//
MONITOR DB2 server hostname: paimcp098.austin.ibm.com DB2 server remote port: paimcp098.austin.ibm.com			Local DB alias:	Remote DB name:		
DB2 server hostname: DB2 server remote port: aimcp098.austin.ibm.com 50000			MONITOR	MONITOR		11
aimcp098.austin.ibm.com			DB2 server hostname:	DB2 server remote	port:	and the first
			aimcp098.austin.ibm.com	50000		
<back next=""> Install</back>		<bacl< td=""><td>k Next</td><td>- 1</td><td>Install</td><td></td></bacl<>	k Next	- 1	Install	

_____ 18. In the current **Database setup** screen, for the **DATAMART Database setup**:

- ____a. Select the DATAMART tab
- ____b. Select the check box next to Configure
- ____ c. Select the radio button next to Type 2 for the JDBC Driver Type
- ____d. Enter the DB2 username and password of the Local database server
 - 1) User name : db2admin

IBM WebSphere Business Monitor V6.0.2 – Lab Exercise

- 2) Password : xxxxxxx
- 3) Confirm Password : **xxxxxxx**
- ____b. Select the radio button next to Remote

1) Enter the DB2 username and password for the Remote DATAMART database

Note: Ensure that the DB2 Admin user of the Remote Database server is used here as the Launchpad catalogs the Remote Monitor Databases in this scenario.

- a) User name : db2admin
- b) Password : xxxxxxxx
- 2) Enter the Local Datamart DB Alias name and the Remote Datamart DB name
 - a) Local DB alias : DATAMART
 - b) Remote DB name : **DATAMART**
- 3) Enter the correct **DB2 server hostname** (fully qualified remote Database Server host name) and **DB2 server port (50000)**

WebSphere Busine	ess Monitor Ver	sion 6.0.2			
Welcome া 🕪	JDBC driver:	Type 2 C Type	4		
Technotes 🚸	C Local	User name:	Password	:	
Install		db2admin	******	**	
rips m. Exit mi			Confirm Pa	assword:	
	.		******	**	
		Database name:			
		DATAMART	🔽 Create	DDL scripts only	
	Remote	Remote user name:	Remote pa	issword:	
		db2admin	******	**	
		Local DB alias:	Remote DE	3 name:	
		DATAMART	DATAMA	RT	
		DB2 server hostname:	DB2 serve	r remote port:	
		aimcp098.austin.ibm.c	om 50000		
	<bacl< td=""><td>K </td><td>Next></td><td>Install</td><td></td></bacl<>	K	Next>	Install	

____ 19. Click Next

_ 20. Verify the following **Database Target Directories** screen

- __a. DB2 Home : C:\IBM\DB2\SQLLIB
- ____b. Install DB2 Enterprise Server Edition : **Selected** (defaulted and not available)
- ____c. Install DB2 Cube Views : **un-selected** (defaulted and not available)
- ____d. DB2 backup directory : C:\IBM\WebSphere\Monitor\dbbackup
- ____e. DB2 table space directory : C:\IBM\WebSphere\Monitor\dbspace

WebSphere Busi	ness Monitor Version 6.0.2			IEM
Welcome Technotes	● ● Databases		Advanced Installation	
Install	Target Directories		0	TN
Tips Exit	III DB2 Home: III C: \UBM\DB2\SQLLIB	🔜 Not installed	Browse	
	 Install DB2 Enterprise Server Install DB2 Cube Views DB2 beckup directory 	Edition		-1
	C:\BM\WebSphere\Monitor\dbba	ckup	Browse	-/ 7
	DB2 table space directory:			1
	C: \IBM\WebSphere\Monitor\dbsp	ace	Browse	
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
The IBM logo and WebSp hts reserved 2005, 2001	ohere are trademarks or registered trader 6.	narks of IBM Corporation in the US	S, other countries, or both. All	

____ 21. Click Next

____ 22. Review the Summary screen and click Install

🕀 WebSphere Business M	onitor Launchpad			×
WebSphere. Busine	ess Monitor Version 6.0.2			IIN.
Welcome 🗰 Technotes 🗰	Summary		Advanced.in	stallation
Install	The following will be installed o	on this system:		TXX
Exit a	WebSphere Business WebSphere Application Se WebSphere Portal v5.1.0.4 DB2 Alphablox v8.4 Databases IBM DB2 Enterprise Server MONITOR (remote) DATAMART(remote)	Monitor Dashboard rver v6.0.2.17 Edition 8.2.6	6.0.2	A
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
rights reserved 2005, 2006.	ere are trademarks or registered trademar	KS OT IBM Corporation in the U	is, other countries, or bot	

23. The installation progresses with out an interruption in the following **sequence** :



____a. DB2 Installation Progress. This takes about 5 minutes to complete



b. WebSphere Application Server Installation progress. This should take about 12 minutes to complete



____ c. A new wp_profile creation progresses for Portal Server (Dashboard Install). This should take about 5 minutes to complete

≜ In prog	ress 🔉	×
	creating new wp_profile for Dashboard install. Nease wait.	
	27%	

____d. Once the **wp_profile** creation is complete, the Launchpad stops the WebSphere Application server making way for Portal Server installation

Stopping WebSphere Server	<
Please wait server1	

____e. WebSphere Portal Server Installation Progress. This should take about 45 minutes to complete

👙 In progress		x
Installing We Please wait.	bSphere Portal	
	61%	

____f. Once the Portal Server installation is complete, the Launchpad stops the WebSphere Application server making way for DB2 Alphablox installation

Stopping WebSphere Server	1
Please wait server1	

____g. DB2 Alphablox Installation Progress. This should take about 4 minutes to complete

👍 In pro	gress		×
•	Installing DB2 Alphablox Please wait.		
		34%	
~~ 		34%	

____h. Once the DB2 Alphablox installation is complete, the Launchpad starts the WebSphere Application server and the WebSphere Portal Server as follows:

Starting WebSphere Server	×
Please wait server1	
Starting WebSphere Server	X
Please wait WebSphere_Portal	

Note: Once the DB2 Alphablox installation is complete (pre-requisites completed), the installation wizard is automatically launched to install the monitor server components: the VpdExport and catalog the remote Monitor databases, MONITOR and DATAMART.

____i. The installation progresses with the VpdExport component which holds the installation information of the monitor server components

Note: VpdExport is an InstallShield tool where the Monitor Install and Uninstall is recorded and maintained as a database. VpdExport is installed when the first Monitor feature is installed and uninstalled when the last Monitor feature is uninstalled.

VpdExport is located at C:\Program Files\Common Files\InstallShield\Universal\Common\Gen2_vpddb

IBM WebSphere Busi	ness Monitor Version 6.0.2 - InstallShield Wizard	
WebSphere. Business Monitor Version 6.0.2	Installing VPDExport. Please wait	
	0%	
InstallShield —	<u>C</u> ancel	

____j. Cataloging MONITOR Database. This should take less than a minute



____k. Cataloging DATAMART Database. This should take a few seconds



___I. The installer checks the status of the cataloged Remote Monitor databases as follows:

Installati	on status	×
•	Checking installation status of Datamart databa	se
Installat	ion status	×
Installat	ion status Checking installation status of Monitor databas	× e

____ m. Once the Database status check is complete, the installer stops WebSphere Application Server and Portal Server to prepare for the Dashboard installation and is launched again. Review the Summary

Stopping WebSphere Server	×
Please wait server1	
Stopping WebSphere Server	X
Please wait WebSphere_Portal	

Note: Once the Remote Monitor Database catalog is complete, the installation wizard launches itself automatically to install the monitor component, such as the Dashboard server.
___ 24. Once the installation is complete, the Installer checks the status of the Dashboard server installation as follows:



_ 25. Review the **Result** Summary and ensure all the software components listed are successfully installed

√elcome ⊯ iechnotes₩	Results		Advanced Installation	
nstall -	The installation has completed with th	e following results:		
ips 🔟				
xit 🔶	Dashboard	Dashboard		
	WebSphere Application Server v6.0.2.17		V Successful	••
	WebSphere Portal v5.1.0.4	WebSphere Portal v5.1.0.4		
	DB2 Alphablox v8.4		V Successful	
	IBM DB2 Enterprise Server Edition	n 8.2.6	V Successful	
	Databases			-//H
	MONITOR		V Successful	
	DATAMART		V Successful	
	Reboot the machine before usir	ig IBM WebSphere Bus	iness Monitor. 🗸 🗸	
	<back< td=""><td>Next></td><td> Finish</td><td></td></back<>	Next>	 Finish	

IBM We	oSphere Business Monitor 6.0.2
?	This will close IBM WebSphere Business Monitor Launchpad. Are you sure?
	<u>Y</u> es <u>N</u> o

- _____ 28. Reboot the machine
- ____ 29. The Dashboard Server installation is complete.

Part 5: Installing Monitor server

Now that the Dashboard Server and its pre-requisites are installed, the Monitor Server and its pre-requisites can be installed.

This part of the lab helps you install Monitor Server and its supporting software (pre-requisites). The Launchpad program can install the pre-requisite software, however, the Launchpad program also detects the prerequisite software if they were pre-installed. Instructions for pre-installing the Monitor pre-requisite software can be found at the end of the document, in the section "Task 3: Pre-install the Monitor pre-requisites"



The Launchpad program expects the following pre-requisites be met for the WebSphere Process Server installation:

Create WebSphere Process Server user

- The WebSphere Process Server user must be an Operating System user with administrative privileges
- The existing Administrator user ID can be used as the WebSphere Process Server user
- If planned to create use a user other than Administrator, create a user for example **wpsadmin** and ensure the user is the member of **Administrators** group. Don't forget to remember the password

The following pre-requisite is not mandatory but if you want to:

Note: The Launchpad creates the DB2 user and groups if they do not exist during the DB2 installation.

Create DB2 Administrator user, DB2 Administrator groups

- The DB2 Administrator user must be an Operating System user with administrative privileges
- The DB2 Administrator user must be less than or equal to 8 characters
- Create two groups DB2ADMINS and DB2USERS

 Create a user (for example db2admin) and ensure the user is the member of Administrators and DB2ADMINS groups

Note: WebSphere Business Monitor V6.0.2 Launchpad provides the capability to install the pre-requisite such as WebSphere Process Server V6.0.2 and select an option to use DB2 for Process Server databases. By selecting this option, the Process Server databases can only be created on the local Database Server. The WebSphere Process Server and the EVENT databases created locally using the Launchpad are by default named as MONWPS and MONCEI. However, the Launchpad program doesn't provide the capability to create the databases used by the Process Server (the databases named EVENTS and WPRCSDB) to be remote databases.

If you plan to use Remote DB2 server for WebSphere Process Server databases, follow the instructions found at the end of this document, in the section: "Remote Databases for Process Server"

Follow the instruction below to complete the Monitor Server installation

1. From the directory where all the pre-requisites and the Monitor driver are extracted (Ex:-C:\CDImage-v602\), double click on the launchpad.bat to run the Launchpad

Note: When starting, the Launchpad program checks the status of Dashboard server and Monitor databases.

🜐 WebSphere Business Mon	iitor Launchpad	
WebSphere Busines	s Monitor Version 6.0.2	IBM.
Welcome Technotes Install Tips Exit	 Welcome to the Launchpad for IBM WebSphere Business Monitor Version 6.0.2 The WebSphere Business Monitor Launchpad prepares your computer for the installation of the WebSphere Business Monitor product. You can choose between Basic and Advanced installation, or add more components to an existing installation. The launchpad uses already installed prerequisites that meet the required version level. It also installs any missing prerequisites. The launchpad collects all necessary information first and then installation of the product and its prequisites proceed with a single click of a button. Click Install on the left navigation menu to proceed with the installation. 	
© The IBM logo and WebSphere rights reserved 2005, 2006.	are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. All	

2. From the welcome screen click on **Install**

3. The Launchpad displays the existing Dashboard Server and its pre-requisites installation as follows:

WebSphere Bus	iness Monitor Version 6.0.2			
Welcome Technotes Install	Existing Installation		0	
Tips Exit	Below is a summary of an existing Server setup: Installed components: Configured databases: DB2 ESE home: WebSphere Application Server home: WebSphere Portal home: DB2 Alphablox home:	installation of WebSpher Node Databases, Dash Monitor (Remot C:/IBM/DB2/SQ C:/IBM/WAS C:/IBM/PortalSe C:/IBM/Alphabl	e Business Monitor: board e), Data Mart (Remote) ULLIB rver ox	A
	There are still some components	that you can install. Click	& Next to proceed.	
9 The IBM logo and WebS rights reserved 2005, 200	<back< td=""><td>Next> of IBM Corporation in the US</td><td>Install</td><td></td></back<>	Next> of IBM Corporation in the US	Install	

- _____4. Carefully review the existing Installation and click Next to continue
- 5. Read the license agreement and accept the agreement

WebSphere Busines	s Monitor Launchpad	
WebSphere Bus	inco Maritar Varias C.O.O. Software License Agreement	TRM.
Welcome Technotes Install	Please read the accompanying license agreement carefully before using the Program. By selecting "Accept" below or using the Program, you agree to accept the terms of this agreement. If you select "Decline", installation will not be completed and you will not be able to use the Program.	
Tips Exit	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 THAT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS.	
	DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND Read non-IBM terms Print Accept Decline	
The IBM logo and WebS hts reserved 2005, 200	Sphere are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. All 76.	

- _____6. Click the **Accept** button to continue
- _____7. In the following screen, choose the Installation Type, Advanced

🜐 WebSphere Business N	1onitor Launchpad			
WebSphere Busin	ness Monitor Version 6.0.2			IEM.
Welcome # Technotes #	Installation Type			
Tips #	Select the installation you wa	ant to perform.		::::
	Basic Allows you to in machine - ideal demonstrations	stall all monitor components for quick prototyping, proof- and testing.	in a single of-concepts,	
	Allows you to c components on small to large p	ustomize the installation of t one or multiple tiers - can be production systems.	he monitor e used for	
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSph rights reserved 2005, 2006.	nere are trademarks or registered tradema	arks of IBM Corporation in the US,	other countries, or both. All	

____8. Click Next

9. In the following **Components to Install** screen, ensure that the check boxes next to **Monitor Server** and **Databases** are selected

Note: The check box next to Dashboard is selected by default and not available since it was already installed and existing on this system. If the Dashboard was not installed on this machine, this option is not selected by default.

Note: The Databases option is selected by default and not available since it is mandatory to catalog the Remote Monitor Databases.

WebSphere Business	Monitor Launchpad			
WebSphere Busi	ness Monitor Version 6.0.2			TEN.
Welcome Technotes	ulp.		Advanced Installation	ON STATES
Install	Components to Install		C	
Tips Exit	Choose at least one componen	t from the list below:		
	Select all			
	Monitor Server			
	🔽 Dashboard			
	🔽 Databases			111
	<back< th=""><th>Next></th><th>Install</th><th></th></back<>	Next>	Install	
© The IBM logo and WebSp rights reserved 2005, 2006	where are trademarks or registered trademark 5.	s of IBM Corporation in the US	, other countries, or both. All	
10. Click Ne x	ĸt			SHA
11. Verify the	e following information on the r	next screen		
a. Serve	r setup	: Node		
b. WebS	ophere Process Server home	: C:\IBM\WebSphe	ere\ProcServer	
c. Use D	B2 for Process Server DBs	: Select (For local	WebSphere Process	Server Databases)

- ____d. WebSphere Business Monitor home : C:\IBM\WebSphere\Monitor (defaulted and not available)
- ____e. Generation directory : C:\IBM\WebSphere\Monitor\generation

Note: When selecting "Use DB2 ESE for Process Server databases" the Monitor Launchpad creates the databases on a database server local to the Process Server. WebSphere Process Server uses the database names as MONWSP and MONCEI when installed using Launchpad. Unselecting "Use DB2 ESE for Process Server databases", the Process Server uses Cloudscape for the WebSphere Process Server and CEI databases.

However, if you plan to use a Remote DB2 server for WebSphere Process Server databases, follow the instructions at the end of this document, in the section: "<u>Remote Databases for Process Server</u>". Make sure the "**Use DB2 for Process Server Databases**" is not selected when using remote DB2 Process Server databases. The Process is installed **manually** out of the Launchpad in this case.

Note: - The Network Deployment manager option is out of scope to this document.

🕀 WebSphere Business M	onitor Launchpad			
WebSphere Busine	ess Monitor Version 6.0.2			IN.
Welcome 🗰 Technotes 🗰	Monitor Server		Advanced Installation	1
Install	Target Setup and Directories		0	
Exit: #	Server setup: Node Net VebSphere Process Server home: C:VBMWebSphere/ProcServer Use DB2 ESE for Process Serv WebSphere Business Monitor hom C:VBMWebSphere/Monitor	twork deployment manager	Browse	A
	Generation directory: C:\IBMW/VebSphere\Monitor\genera	tion	Browse	
	<back< th=""><th>Next≻</th><th>Install</th><th></th></back<>	Next≻	Install	
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____ 12. Click Next

- _____ 13. In the following **WebSphere Process Server Information** screen:
 - a) Review the Profile name, Cell Name, Node Name and Server Name
 - Profile name : wbmonitor
 - Cell name : hostnameN01C (depends on the system short host name)
 - Node name : hostnameNode (depends on the system short host name)
 - Server name : server1
 - b) Profile path : C\IBM\WebSphere\ProcServer\profiles\wbmonitor

Note: If you want to edit the Node name, ensure that it is unique to this profile

Welcome 🗰 Technotes 🗰	Monitor Server	Advance	d Installation
Install 👘	WebSphere Process Server Information		0
Exit 🧰	Profile name:	Cell name:	
	wbmonitor	aimcp097N01C	
	Node name:	Server name:	
	aimcp097Node	server1	
	Profile path:		
	C:\IBMWVebSphere\ProcServer\profiles\wb	Browse	
	<back< td=""><td>Next> Inst</td><td></td></back<>	Next> Inst	
he IBM logo and WebSpher	e are trademarks or registered trademarks of IBM Co	prporation in the US, other countries, o	or both. A//

- DB2 Home : C:\IBM\DB2\SQLLIB (defaulted and not available)
- DB2 user Name : db2admin
- Password : xxxxxxx
- Confirm Password : (not available)
- DB2 server hostname : localhost (defaulted and not available)
- DB2 server port : **50000** (defaulted and not available)

Note: DB2 was already installed on this machine as part of the Dashboard Server pre-requisites installation, so most of the fields are defaulted to preset values and not available.

WebSphere Business Mon	nitor Launchpad ss Monitor Version (5.0.2		
Welcome ⊯ Technotes ⊯ Install	Monitor Server	00 00 0000	Advanced Inst	
Tips n∳ Exit n∳	DB2 Information for Pro	ocess Server Database		· · · · · · · · · · · · · · · · · · ·
	DB2 Home: CVBM/DB2/SQLLIB	🤐 Installed	Browse	
	DB2 User name: db2admin	Password:	Confirm Password:	A
	DB2 server hostname: localhost	DB2 server port: 50000		
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSphern rights reserved 2005, 2006.	e are trademarks or registered	trademarks of IBM Corporation in	the US, other countries, or both.	All

16. Click Next

- _____ 17. In the following screen, provide the WebSphere process Server User name and Password
 - WebSphere Process Server user name : Administrator
 - Password

: XXXXXXXXXXXX

Note: The **WebSphere Process Server User** is an Operating System specific user and it is mandatory that the user be pre-existing and be part of the **Administrators** group



🕀 WebSphere Business Mo	nitor Launchpad			
WebSphere Busine	ss Monitor Version 6.0.2			
Welcome 🕸 Technotes 🕸	Monitor Server		Advanced Instal	lation
Install Tips	User name and Password			0
Exit 申	WebSphere Process Server User na Administrator	me:		
	Password:			
	Note: WebSphere Process Serv user name in your local operati	ver User name must be a ng system's user registr	n existing y.	
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSpher rights reserved 2005, 2006.	e are trademarks or registered trademark	s of IBM Corporation in the U	S, other countries, or both. A.	

____ 18. Click Next

_____ 19. Review the installation Summary and click Install

🕀 WebSphere Business Mo	onitor Launchpad			
WebSphere Busine	ss Monitor Version 6.0.2			
Welcome ⊯ Technotes ∰	Summary		Advanced Installation	
Install	The following will be installed	on this system:		TX
Exit ⊪	WebSphere Business	s Monitor Server 6.0.1 er v6.0.2	2 (Node setup)	
	<back< th=""><th>Next></th><th>Install</th><th></th></back<>	Next>	Install	
© The IBM logo and WebSphe rights reserved 2005, 2006.	re are trademarks or registered tradema	rks of IBM Corporation in the U	S, other countries, or both. All	

Note: Follow the Warning message as shown below:

Warning	×
⚠	CVMLP1033W: To avoid interruptions during install, disable any firewall products that are running on the machine.
	OK

____ 20. The Installation progresses with out an interruption in a sequence as follows:



____a. WebSphere Process Server Installation Progress. This takes about 40 minutes to complete



Note: Once the Process Server installation is complete then the installation wizard is launched automatically to install the monitor server components: Monitor Server, Runtime and Monitor Administrative Console.

21. The Monitor Components Installation Progresses and this should take about 20 minutes to complete

IS IBM WebSphere Busir	ness Monitor Version 6.0.2 - InstallShield Wizard	_ 🗆 X
WebSphere. Business Monitor Version 6.0.2	Installing IBM WebSphere Business Monitor Version 6.0.2. Please wait 9%	
InstallShield	<u>C</u> ancel	

22. Once the Monitor Server installation is complete, the Installer checks the status of the Monitor Server installation as follows:



23. Review the **Result** Summary and ensure all the software components listed are Successful with the installation

VebSphere Busi	ness Monitor Version 6.0.2		
(elcome echnotes	Results		Advanced Installation
istali	The installation has completed with t	he following results:	
xit	WebSphere Business (Node setup)	Monitor Server 6.0.	2 Successful
	WebSphere Process Server V6	0.2	
		1000 Tool	

____24. Click Finish

25. Click **Yes** over the Question Dialog to close the Launchpad



- _____ 26. **Reboot** the machine
- _____ 27. The installation of Monitor Server is complete

What you did in this exercise

You obtained the Monitor 6.0.2 drivers and pre-requisites, extracted them to create an on-disk image making it easy for the Launchpad to run. You used the Launchpad program to install all the pre-requisite software, created the Monitor Databases on a remote database server and finally installed the Dashboard Server and Monitor Server co-existing on one machine.

Task 1: Pre-Install the Monitor database pre-requisites

This part of the lab shows you how to take advantage of the new incremental installation feature of the Launchpad program that leverages the existing pre-requisite product installations. If you pre-install the Monitor Database pre-requisites, follow the installation sequence below:

- _____1. Install DB2 ESE V8.2.6 (8.1.13)
 - ____a. Run the DB2 Launchpad (C:\CDImage-v602\ESE\image\install.exe)
 - ____b. Accept the License Agreement, click Next
 - ____ c. On the "Select the Installation Type" screen, accept the default installation type : Typical, click Next
 - _____d. On the "Select the Installation Action" screen, ensure that "Install DB2 Enterprise Server Edition on this computer" is selected. Click Next
 - _____e. On the "Select Installation folder" screen, change the target installation directory to C:\IBM\DB2\SQLLIB and click Next
 - ____f. On the following screen, provide the user information for the DB2 Administrator Server and click **Next**
 - ____g. Accept the defaults on the "Set up the administration contact list" and click Next
 - ___h. Accept the defaults for the rest of the following screens and click Install
 - ____i. Click **Finish** when the installation is complete
 - 2. Install DB2 CUBE Views V8.2.6
 - ____a. Run the DB2 CUBE Views Launchpad (C:\CDImage-v602\CUBE\image\setup.exe)
 - ____b. Select the radio button to install DB2 CUBE Views and click Next
 - ____ c. Click Next over the Welcome Screen
 - ____d. Accept the License Agreement, click Next
 - ____e. On the "Select the Installation Action" screen, ensure that "Install DB2 Cube Views on this computer" is selected. Click Next
 - ____f. On the following screen, accept the defaults or select all the features to install and click Next
 - ____g. On the language screen, select English as the language an click Next
 - ___h. Review the summary and click Install
 - ____i. Click **Finish** when the installation is complete
 - ____ 3. Run the Monitor Launchpad and continue with the Monitor Databases creation

Task 2: Pre-install the Dashboard pre-requisites

This part of the lab shows you how to take advantage of the new incremental installation feature of the Launchpad program that leverages the existing pre-requisite product installations. If you pre-install the Dashboard pre-requisites, follow the installation sequence below:

- ____1. Install DB2 ESE V8.2.6
 - ____a. Run the DB2 Launchpad (C:\CDImage-v602\ESE\image\install.exe)
 - ____b. Accept the License Agreement, click Next
 - ___ c. On the "Select the Installation Type" screen, accept the default installation type : Typical, click Next
 - _____d. On the "Select the Installation Action" screen, ensure that "Install DB2 Enterprise Server Edition on this computer" is selected. Click Next
 - _____e. On the "Select Installation folder" screen, change the target installation directory to C:\IBM\DB2\SQLLIB and click Next
 - ____f. On the following screen, provide the user information for the DB2 Administrator Server and click Next
 - ____g. Accept the defaults on the "Set up the administration contact list" and click Next
 - ___h. Accept the defaults for the rest of the following screens and click Install
 - _____i. Click **Finish** when the installation is complete
 - 2. Install WebSphere Application Server V6.0.2.17
 - ___a. Run the WebSphere Application Server Install Wizard (C:\CDImage-v602\WAS\WAS\install.exe)
 - ____b. Click **Next** over the Welcome screen
 - ____ c. Accept the License and click **Next**
 - ____d. Once the System prerequisites is complete and successful, click Next
 - ____e. Set the target installation directory as C:\IBM\WAS and click Next
 - __ f. On the following screen, de-select Application Product Samples and ensure the check box for Core product files is selected and click Next
 - ____g. Review the Installation Summary and click Next
 - __ h. On the Installation complete screen, select the check box next to Launch Profile creation Wizard and click Next
 - ____i. Click **Next** over the Profile creation Wizard's Welcome screen
 - ____j. On the following screen, select the **Profile Selection Type** as **Application Server profile** and click **Next**
 - ____k. On the following screen, change the profile name as wp_profile and click Next
 - ___ I. Accept the default for the Profile Directory (C:\IBM\WAS\profiles\wp_profile) on the following screen and click Next

- ____m. On the following screen, provide the Node name and the machine host name and click Next
- ___ n. Accept the default ports assigned and click Next
- ____ o. Deselect the check box next to Run the Application Server process as Windows Service and click Next
- ____p. Review the Profile Summary and click Next
- ____ q. Once the profile creation is complete, launch the first steps wizard and verify the installation
- ____r. On a successful installation verification, ensure the WebSphere Application Server is stopped
- ____ s. The WebSphere Application Server V6.0.2.17 is complete and the necessary ground is set for the Portal server to be installed
- _____ 3. Install WebSphere Portal Server V5.1.0.4

Note: If the Monitor Launchpad is not being used to install Portal Server, and you want to install the **lighter**weight version of Portal V5.1.0.4, use the command : **install.bat -W config.arguments=-DskipCM=true**.

Note: Portal 5.1.0.4 does not support WebSphere Process Server 6.0.2 and therefore it cannot be installed on the WebSphere Application Server that comes with your WebSphere Process Server 6.0.2 installation. That is the reason why a separate WebSphere Application Server 6.0.2.17 installation is installed as a pre-requisite for Portal V5.1.0.4.

____a. Run the Portal Install Wizard (C:\CDImage-v602\Portal5104\install.bat) as shown below:

📾 IBM WebSphere Portal for Multiplatforms 5.1.0.4	
C:\Documents and Settings\Administrator>cd \	
C:\>cd C:\CDImage-v602\Porta15104	
C:\CDImage-v602\Portal5104>install.bat -W config.arguments=-DskipCM=true Licensed Materials - Property of IBM	-

- ____b. Select English as the language and click OK
- ____ c. Click **Next** over the Welcome screen
- ____ d. Accept the License Agreement and click Next
- ____ e. Select the WebSphere Application Server instance, the Portal Server will be installed. (C:\IBM\WAS)
- ____f. Once the pre-requisite is complete, set the Portal target installation directory as C:\IBM\PortalServer. Click Next
- ____g. On the following screen, deselect the check box next to **Run WebSphere Portal as a service** and click **Next**
- ___ h. On the following screen, provide the Portal Administrator ID (wpsadmin) and password (wpsadmin). Click **Next**
- ____i. Review the summary and click Next
- ____j. Click finish when the Portal Installation is complete

- ____k. Ensure that the Portal Server and the WebSphere Application Server a stopped
- 4. Install DB2 Alphablox V8.4.0
 - ____a. Run the Alphablox installer (C:\CDImage-v602\Alphablox\Windows\install.exe)
 - ____b. Select English as the language and click OK
 - ____ c. Click Next over the Introduction screen
 - ____d. Accept the License Agreement and click Next
 - _____e. On the following screen, accept the default for the **Server Instance Name** as AlphabloxAnalytics and change the **Destination Directory** to C:\IBM\Alphablox and click **Next**
 - _____f. In the flowing screen, select the installation type as **Typical** and click **Next**
 - ____g. In the following screen, ensure the target Application Server is chosen as **WebSphere** and click **Next**
 - ___h. At this point, ensure the WebSphere Application Server is stopped and click Next
 - ____i. On the following screen, set the WebSphere Root Directory as C:\IBM\WAS. Click Next
 - ___ j. On the following screen, select WebSphere_Portal as the target server for the applications to install. Click Next
 - ____k. On the following screen, verify the WebSphere settings and provide the WebSphere Application Server Administrator user and password. Click Next
 - ___ I. On the following screen, accept the defaults and click Next
 - ___ m. In the following screen, ensure the that the directory where the J2EE SDK installed is correct (C:\IBM\WAS\java) and click **Next**
 - ____n. Accept the defaults in the Enable JDBC Drivers screen and click Next
 - ____ o. Accept the defaults in the Configure Repository screen and click Next
 - ____ p. Review the Summary and click Install
 - ____ q. Click **Done** once the installation is complete
 - ___5. Run the Monitor Launchpad and continue with the Dashboard Server Installation

Task 3: Pre-install the Monitor pre-requisites

This part of the lab helps you take advantage of the new incremental installation feature of the Launchpad program that leverages the existing pre-requisite product installations. If you pre-install the Monitor pre-requisites, follow the installation sequence below:

- ____1. Install DB2 ESE V8.2.6
 - ____a. Run the DB2 Launchpad (C:\CDImage-v602\ESE\image\install.exe)
 - ____b. Accept the License Agreement, click Next
 - ____ c. On the "Select the Installation Type" screen, accept the default installation type : Typical, click Next
 - _____d. On the "Select the Installation Action" screen, ensure that "Install DB2 Enterprise Server Edition on this computer" is selected. Click Next
 - ____e. On the "Select Installation folder" screen, change the target installation directory to C:\IBM\DB2\SQLLIB and click Next
 - _____f. On the following screen, provide the user information for the DB2 Administrator Server and click **Next**
 - ____g. Accept the defaults on the "Set up the administration contact list" and click Next
 - ___h. Accept the defaults for the rest of the following screens and click Install
 - _____i. Click **Finish** when the installation is complete
 - 2. Install WebSphere Process Server V6.0.2

Note: When selecting "Use DB2 ESE for Process Server databases" the Monitor Launchpad creates the databases on a database server local to the Process Server. WebSphere Process Server uses the database names as MONWSP and MONCEI when installed using Launchpad. Unselecting "Use DB2 ESE for Process Server databases", the Process Server uses Cloudscape for the WebSphere Process Server and CEI databases.

However, if you plan to use a Remote DB2 server for WebSphere Process Server databases, follow the instructions at the end of this document, in the section: "Remote Databases for Process Server". Make sure "Use DB2 for Process Server Databases" is not selected when using remote DB2 Process Server databases.

- ____a. Run the WebSphere Process Server install wizard (C:\CDImagev602\ProcessServer\WBI\install.exe)
- ____b. Click **Next** over the Welcome screen
- ____ c. Accept the License Agreement and click Next
- _____d. After a successful prerequisite check, click **Next** to continue with the installation
- ____e. In the following screen, ensure that a new copy of WebSphere Application Server is selected for install
- _____f. Read the information provided in the following screen and click **Next**

- ___ g. In the following screen, set the target installation directory as C:\IBM\WebSphere\ProcServer and click **Next**
- ___h. In the following screen, select for **complete** installation and click **Next**
- ____ i. Review the Summary and click Next
- ____j. The installation progresses
- ____k. Click Finish once the installation is complete
- 3. Run the Monitor Launchpad and continue with the Monitor Server installation

Appendix 1: Remote databases for Process Server

This part of the lab describes the scenario where you want to keep all of your Process Server Databases on a dedicated database server which is on a separate remote machine from where the WebSphere Business Monitor V6.0.2 is installed. In WebSphere Business Monitor V6.0.2, the Launchpad provides the ability to define the databases that are used by WebSphere Business Monitor to be remote databases.

However, the Launchpad also provides the capability to install the pre-requisites such as the WebSphere Process Server V6.0.2 but it doesn't provide the capability to create the databases used by the WebSphere Process Server (the databases named EVENTS and WPRCSDB) to be remote databases. This part of the lab will describe how you will be able to define these two databases to be remote databases.

Follow the instructions below to install WebSphere Process Server V6.0.2 manually out of the Monitor Launchpad and hence create the remote databases:

- 1. Run the WebSphere Process Server install wizard (C:\CDImagev602\ProcessServer\WBI\install.exe)
 - ____2. Click Next on the Welcome Screen

🖄 IBM WebSphere Process	Server for Multiplatforms 6.0.2 Installation Wizard	- 🗆 🗙
	Welcome to the Installation Wizard for IBM WebSphere Process Server fo Multiplatforms 6.0.2	ır
•	The Installation Wizard will install IBM WebSphere Process Server for Multiplatforms 6.0.2 on your computer. To continue, click Next .	
	IBM WebSphere Process Server for Multiplatforms 6.0.2 IBM Corporation <u>http://www.ibm.com</u>	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> an	cel

_ 3. Read the license agreement and the non-IBM terms (by clicking the button), then accept the terms to the license, and click **Next**

BM WebSphere Proces	s Server for Multiplatforms 6.0.2 Installation Wizard	- 🗆 🗙
	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 ARI ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT T	E THAT
	ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,	
	Read non-IBM terms I accept both the IBM and the non-IBM terms.	_
	I do not accept the terms in the license agreement	
	Print	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> an	icel

4. In the following screen, click **Next** on a successful pre-requisite check

쑵 IBM WebSphere Process	s Server for Multiplatforms 6.0.2 Installation Wizard
The South Part of South	System prerequisites check
	The Installation Wizard checks your system to determine whether a supported operating system is running and whether the operating system has the appropriate service packs and patches. After checking prerequisites, the Installation Wizard checks for existing WebSphere Application Server and IBM WebSphere Process Server for Multiplatforms 6.0.2 products.
	Your system completed the prerequisites check successfully.
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

- __ 5. In the following screen, check the radio button next to "Install a new copy of WebSphere Application Server Network Deployment, Version 6.0"
 - Install a new copy of WebSphere Application Server Network Deployment, Version 6.0
 - Use an existing installation of
 WebSphere Application Server Network Deployment, Version 6.0
- ____6. Click Next
- 7. In the following screen, read the information regarding co-existing WebSphere Application Server installations and click **Next**
- 8. Change the installation root directory to C:\IBM\WebSphere\ProcServer

BM WebSphere Process	s Server for Multiplatforms 6.0.2 Installation Wizard	
7	Installation root directory for IBM WebSphere Process Server for 6.0.2	Multiplatforms
	IBM WebSphere Process Server for Multiplatforms 6.0.2 will be inst specified directory. You can specify a different directory or click Brov directory.	alled to the vse to select a
	Note: The Windows operating system limits the length of a fully qua characters. A long pathname for the installation root directory make that this limit will be exceeded when files are created during norma IBM recommends that you keep the pathname of the installation roo short as possible.	alified path to 256 s it more likely I product use. ot directory as
	C:\IBM\WebSphere\ProcServer	
		Browse
InstallShield		
	< <u>B</u> ack <u>N</u> ext >	<u>C</u> ancel

- ____ 9. Click Next
- _____10. Select Custom Installation

🕑 IBM WebSphere Process	Server for Multiplatforms 6.	0.2 Installation Wiz	ard	_ 🗆 🗙
The local line	Choose the type of installatio	n that best suits yo	ur needs.	
	C Complete installation			
	Everything needed Multiplatforms is in descriptions of the a Complete install	to start running you stalled. See the ins default configuratic ation.	ur WebSphere Proc stallation informatio on settings used du	ess Server for on for uring
	Custom installation			
	More flexibility prov launch the Profile V descriptions of the	ided for component Vizard. See the inst product features yo	t installation, with t callation information ou can install and c	he option to h for onfigure.
	C Client installation			
DZ	Multiplatforms. It al WebSphere Proce	tallation of WebSpl lows you to run clie ss Server for Multip	here Process Servi int applications tha latforms within the	er for t interact with same cell.
InstallShield				~
		< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel

- _____11. . Click Next
- _____ 12. De-select the Samples Applications Gallery

1BM WebSphere Proces	s Server for Multiplatforms 6.0.2 Installation Wizard
	Select IBM WebSphere Process Server for Multiplatforms 6.0.2 features to install.
	 Product Installation Business Rule Beans (Deprecated) Extended Messaging (Deprecated) Sample Applications Gallery Public API Javadoc(TM)
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

- ____ 13. Click Next
- _____ 14. Review the Installation Summary

BM WebSphere Proces	s Server for Multiplatforms 6.0.2 Installation Wizard
The local sector	Installation summary for IBM WebSphere Process Server for Multiplatforms 6.0.2
	Review the summary for correctness. Click Back to change values on previous panels. If the information is correct, click Next to start installing IBM WebSphere Process Server for Multiplatforms 6.0.2.
	IBM WebSphere Process Server for Multiplatforms 6.0.2 will be installed in the following location:
	C:\IBMWVebSphere\ProcServer
	with the following features:
	Public API Javadoc(TM)
	for a total size:
	1044.9 MB
	IBM WebSphere Application Server Network Deployment, Version 6.0.2.11 will be installed in the following location:
	C:\IBM\WebSphere\ProcServer
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

- _____15. Click Next
- _____16. The installation progresses for 15 minutes

BM WebSphere Process	Server for Multiplatforms 6.0.2 Installation Wizard	
	Installing WebSphere Application Server Network Deployment, Version 6 Please wait	i.O.
	6%	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> an	cel

- 17. On the installation is complete screen, a choice is given to create a WebSphere Process Server profile
- 18. Make sure Launch the Profile Wizard is selected

100	Installation complete
1	IBM WebSphere Process Server for Multiplatforms 6.0.2 was installed successfully.
	WebSphere Process Server for Multiplatforms 6.0.2 includes the ability to create a profile for a deployment manager, managed node, or a stand-alone Process Server for Multiplatforms. Use the Profile Wizard to create an operational environment that includes one of these profiles. Launch the Profile Wizard now to get started.
	☑ Launch the Profile Wizard
	Click Next to continue.

- ____ 19. Click Next
 - ____ 20. Read the information and click Next

📸 Profile Wizard	
	Welcome to the WebSphere Process Server 6.0 Profile Wizard
	 This wizard lets you: Create a new WebSphere Process Server 6.0 profile that includes the set of files that define one WebSphere Process Server 6.0 environment. You can run the wizard multiple times to create additional profiles. All profiles that you create on a machine share the same set of product binaries. Augment existing WebSphere Application Server 6.0 or WebSphere Application Server Network Deployment 6.0 profiles so they are compatible with WebSphere Process Server 6.0. At least one profile must exist to have a functional installation. Click Next to continue.
InstallShield	
	< <u>B</u> ack <u>Next</u> <u>C</u> ancel

____21. Ensure that the **Stand-alone profile** is selected

🚯 Profile Wizard	
	Just one profile at a time, you can rerun the Profile vvizard multiple times to create or augment additional profiles.
	Deployment manager profile The first step in setting up a Network Deployment environment is to create a deployment manager. A deployment manager administers process servers and application servers that are federated into (made a part of) its cell. The next step is to create additional profiles and federate them.
	Custom profile A custom profile contains an empty node, which does not contain an administrative console or any servers. The typical use for a custom profile is to federate its node to a deployment manager. After federating the node, use the deployment manager to create a server or a cluster of servers within the node.
	 Stand-alone profile A stand-alone profile runs your enterprise applications. It can be managed from its own administrative console and function independent of other WebSphere Process Server profiles and deployment managers.
InstallShield	
	< <u>B</u> ack <u>Next></u> <u>C</u> ancel

____ 22. Click Next

23. Provide a unique name for the profile. Instead name it as wbprofile (instead of wbmonitor)

Profile Wizard		_ 🗆 🗙
	Profile name	
	Provide a unique name for the profile.	
	wbprofile	
0		
InstallShield	,	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> an	cel

- _____ 24. Click Next
- ____ 25. Set the Profile Directory path to C:\IBM\WebSphere\ProcServer\profiles\wbprofile

🚯 Profile Wizard		_ 🗆 X
	Profile directory	<u> </u>
	Specify a directory to contain the files that define the runtime environment, such as commands, configuration files, and log files.	
	Click Browse to select a different directory.	
	Profile directory:	
	C:\IBM\WebSphere\ProcServer\profiles\wbprofile	
	Browse	
	Important: Deleting a profile directory manually does not completely delete the profile. Use the wasprofile command to completely delete a profile.	
	Note: The Windows operating system limits the length of a fully qualified pa to 256 characters. A long pathname for the profile root directory makes it m likely that this limit will be exceeded when files are created during normal	ath ore
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ar	ncel

____ 26. Click Next

- _____ 27. In the following Node and host names screen, accept the defaults and click Next
 - ____a. Node Name : shorthostnameNode01
 - ____b. Host Name : fully qualified host name (Ex: myhost.austin.ibm.com)

🚯 Profile Wizard			
	Node and I	host names	^
	Specify a nod and migratior consideratior	le name and a host name for this profile. Refer to the installation n information for detailed field descriptions and migration is.	
	Node name:		
	aimcp097No	de01	
	Host name:		
	aimcp097.au	stin.ibm.com	
	Node name:	The node name is used for administration. If the node is federated, 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			
		< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel	

- 28. In the following "Port value assignment" screen, accept the default ports assigned but make sure they do not conflict with any other WebSphere Application Server installations. Click **Next**
- 29. Un-select the Run the WebSphere Process Server process as a Windows service option and click Next

🚯 Profile Wizard	
Profile Wizard	Windows service definition Choose whether to use a Windows service to run the WebSphere Process Server. Windows Services can start and stop the WebSphere Process Server, and configure startup and recovery actions. Run the WebSphere Process Server process as a Windows service Log on as a local system account User name: Administrate Password:
	Startup type: Manual The user execut that runs the Windows Convise must have the following user
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

30. In the following screen, **Do not select** the **Configure the Service Integration Bus in a secured mode**
| 🚯 Profile Wizard | |
|------------------|--|
| | Service Component Architecture configuration WebSphere Process Server 6.0 provides the capability for components to communicate asynchronously. Please provide a user name and password to be used to connect to the Service Integration Bus in a secured mode. Configure the Service Integration Bus in a secured mode User ID to authenticate when connected to a secured Service Integration Bus: Password for Service Integration Bus connection authentication: Password confirmation: |
| | < <u>B</u> ack <u>N</u> ext > <u>C</u> ancel |

____ 31. Click Next

- _____ 32. In the following screen, enter the following information:
 - ____a. User ID to authenticate with the WebSphere Messaging Queue Manager : Administrator
 - ____b. Password (the Password for WebSphere Messaging authentication) : xxxxxx
 - ____c. WebSphere Server name : server1
 - ____ d. Choose a database product : DB2 Universal V8.2

🚯 Profile Wizard	×
	Configure the Common Event Infrastructure EJBs, Default Messaging, and database. User ID to authenticate with WebSphere Messaging queue manager: Administrator
	Password (the password for WebSphere Messaging authentication): ************************************
	Choose a database product: DB2 Universal V8.2
InstallShield -	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

____ 33. Click Next

- ____ 34. In the following screen, select "Generate scripts to create new database" and enter the following information:
 - ___a. Database name : event
 - ____b. User ID to authenticate with the database : db2admin (Note: Remote Database user)
 - ____ c. Password : **xxxxxx**
 - ____ d. Password Confirmation : xxxxxx

🚯 Profile Wizard		
	Due to the database product that you installed, additional information is required.	
	 Generate scripts to create new database Database name: event 	_
	User ID to authenticate with the database: db2admin	
	Password (the password for database authentication): ******	
	Password confirmation:	*
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u> ar	icel

____ 35. Click Next

- _____ 36. Enter the Additional Database Configuration Information for the Common Event Infrastructure:
 - ____a. Location of JDBC driver class path files : C:\IBM\WebSphere\ProcServer\universalDriver_wbi\lib
 - ____b. JDBC Driver type : 2 or 4 (based on the requirements)
 - ____ c. Database Server name : fully qualified host name (Ex: myhost.austin.ibm.com)
 - ___ d. Server Port : 50000
 - ____e. Database Node name, if DB2 server remote: DB2

🚯 Profile Wizard		
	Additional Database Configuration Information for Common Even	
	Due to the database product that you installed, additional information is required.	
	Location (directory) of JDBC driver classpath files:	
	C:\IBM\WebSphere\ProcServer\universalDriver_wbi\lib	
	JDBC Driver Type: 🔿 2	
	• 4	
	Database server name:	
	aimcp098.austin.ibm.com	
	Server port:	
	50000	
	Database node name, if DB2 server remote:	
	DB2	
InstallShield		
	< Back Next > Cancel	

37. In the following screen, de-select "Configure a sample Business Process Choreographer"

🚯 Profile Wizard	
	Business Process Choreographer Configuration
	Provide a user name and password for the sample Business Process Choreographer configuration to connect to the service integration bus in a secured mode. A Cloudscape database will be used for this configuration.
	Note: If you plan to federate this profile into a network deployment environment, do not configure the sample Business Process Choreographer. The Cloudscape database used by this sample configuration is not supported in a network deployment environment.
	Configure a sample Business Process Choreographer User ID to authenticate when connected to a secured service integration bus
	Password for the service integration bus connection authentication:
	Password Confirmation:
installShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

____ 38. Click Next

_____ 39. In the following screen, select server1

🚯 Profile Wizard	
	Application Scheduler is used to schedule migration application group events. Indicate the process server name on this node if you choose to configure for Application Scheduler.
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

- ____ 40. Click Next
 - ____41. In the following Database configuration screen, ensure the **Set up a new or existing database separately**, radio button is selected and enter the following:
 - ____a. Choose a database product : DB2 Universal
 - ____ b. Database Name : WPRCSDB

Rrofile Wizard	
	Database Configuration Various components use the WebSphere Process Server common database. Choose a database type and enter the information based on that type. Create a new (local) database. The augmentation of this profile will fail if the database already exists. Use an existing database. Set up a new or existing database separately. Choose a database product: DB2 Universal WPRCSDB
InstallShield	< <u>B</u> ack Next > Cancel

____ 42. Click Next

_____ 43. In the following Additional Database Configuration Information screen, enter the following:

- ____a. User ID to authenticate with the database : db2admin (Note: Remote Database user)
- ____b. Password : xxxxxx
- ____ c. Password Confirmation : xxxxxx
- ____d. Location of JDBC driver class path files: C:\IBM\WebSphere\ProcServer\universalDriver_wbi\lib
- ____e. Database Server name : fully qualified host name (Ex: myhost.austin.ibm.com)
- ____ f. Server Port : 50000

🚯 Profile Wizard		
	Additional Database Configuration Information	
	Due to the database product that you selected, additional information is required.	
	User ID to authenticate with the database:	
	Jdb2admin	
	Password (the password for database authentication):	

	Password confirmation:	
	Location (directory) of JDBC driver classpath files:	
	C:\IBM\WebSphere\ProcServer\universalDriver_wbi\lib	
	Browse	
	Database server host name (for example, IP address):	
	aimcp098.austin.ibm.com	
	Server port:	
	50000	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel	

____ 44. Click Next

_____ 45. Review the Profile Summary and click Next

🚯 Profile Wizard	
	Profile summary
	The profile that you are creating has the following characteristics: • Type - Stand-alone WebSphere Process Server • Location - C:\IBM\WebSphere\ProcServer\profiles\wbprofile • Name - wbprofile • Host name - aimcp097.austin.ibm.com • Size - 242.9 MB Click Next to create this profile or click Back to change the characteristics of the profile.
InstallShield	,
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

____ 46. The WebSphere Process Server profile creation progresses. This should take about 20 minutes

🚯 Profile Wizard		_ 🗆 X
	Running configuration command: executeSIBTemplateConfig.	
	32%	
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u>	ancel

____ 47. Click Finish

- ____48. Create EVENT Database: Locate the EVENT Database scripts that were created by the Profile Wizard and copy them to the remote machine which will serve as the database server. The scripts must be run manually on the database server machine
 - ___a. The Event Database Scripts can be found at <WPS_PROFILE_DIR>/event/dbscripts/db2

C:\IBM\WebSphere\ProcServer\profiles\wbprofile\event\dbscripts\db2			
<u>File E</u> dit <u>V</u> iew F	avorites <u>T</u> ools <u>H</u> elp		2
😋 Back 🝷 🕤 👻 🤌	5 🔎 Search 🛛 🌔 Folde	ers 🛛 🕸 🏷 🗙 🎾 🛄 -	
Address 🛅 C:\IBM\WebSphere\ProcServer\profiles\wbprofile\event\dbscripts\db2 💌 🎅 Go			
🖻 catalogSeed.db2	🔤 dbConfigureCr.sh	🐻 fastpurge.bat	
🖻 cr_db.db2	🐻 dbConfigureRm.bat	🔤 fastpurge.sh	
💿 cr_event_db2.bat	🖻 dbConfigureRm.sh	國 ins_metadata.db2	
🖻 cr_event_db2.sh	👅 exec_purge.bat	👅 reorg.bat	
🚾 cr_tbl.db2	國 exec_purge.sh	🔤 reorg.sh	
🖻 cr_tbl_catalog.db2	👅 exec_reorg.bat	👅 rm_event_db2.bat	
🚾 cr_ts.db2	國 exec_reorg.sh	📾 rm_event_db2.sh	
🚾 cr_ts_catalog.db2	👅 exec_runstats.bat	👅 runstats.bat	
ombConfigureCr.bat	國 exec_runstats.sh	🔤 runstats.sh	
1			

____b. Copy the entire directory contents to the remote machine for example C:\WPS_DB\EVENT

C:\WPS_DB\EVENT	\db2	_	
<u>File E</u> dit <u>V</u> iew Fa	avorites <u>T</u> ools <u>H</u> elp		
🔇 Back 🝷 🕥 👻 🦻	🛛 🔎 Search 🛛 🌔 Folde	ers 🛛 🕸 🎯 🗙 🌍	»
Address 🛅 C:\WPS_DB\EVENT\db2			
ඬ catalogSeed.db2	🔤 dbConfigureCr.sh	👅 fastpurge.bat	
💀 cr_db.db2	👅 dbConfigureRm.bat	國 fastpurge.sh	
🛐 cr_event_db2.bat	國 dbConfigureRm.sh	💀 ins_metadata.db2	
🖬 cr_event_db2.sh	👅 exec_purge.bat	👅 reorg.bat	
💀 cr_tbl.db2	國 exec_purge.sh	國 reorg.sh	
💀 cr_tbl_catalog.db2	💽 exec_reorg.bat	💽 rm_event_db2.bat	
💀 cr_ts.db2	國 exec_reorg.sh	國 rm_event_db2.sh	
💀 cr_ts_catalog.db2	💽 exec_runstats.bat	👅 runstats.bat	
💿 dbConfigureCr.bat	國 exec_runstats.sh	國 runstats.sh	

___ c. Open a command line window and change directory to the location where the EVENTDB scripts are copied to and run cr_event_db2.bat with the valid DB2 user as an argument as shown below:

> cr_event_db2.bat server db2admin

where as **db2admin** is the DB2 administrator user

📾 C:\WINDOWS\system32\cmd.exe	_ 🗆 X
C:\>cd WPS_DB\EVENT\db2	
C:\WPS_DB\EVENT\db2>cr_event_db2.bat server db2admin	
	-

____d. Upon completion of the command, you should see something very similar to the following illustration:

C:\WINDO	₩S∖sy	stem	32\ <mark>cmd.ex</mark> e	:		_ 🗆 🗙
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
DB200001	The	SQL	command	completed	successfully.	
"The Commo db connect DB20000I	n Ev ; res The	ent et SQL	Infrastr command	ucture dat completed	abase is created successfully." successfully.	
C:/WPS_DB	EVEN	11 \ d.1	27			

____e. Close the command window

- 49. WPRCSDB Database creation: Locate the WPRCSDB scripts that were created by the Profile Wizard and copy them to the remote machine which will serve as the database server. The scripts must be run manually on the database server machine
 - ____a. The WPRCSDB Database Scripts can be found at <WPS_PROFILE_DIR>/dbscripts/CommonDB\DB2\WPRCSDB



____b. Copy the entire directory contents to the remote machine for example C:\WPS_DB\WPRCSDB



- _____ c. Open a command line window and change directory to the location where the EVENTDB scripts are copied to and run **configCommonDB.bat** with **createDB** as an argument as shown below:
 - > configCommonDB.bat createDB

🔤 C:\WINDOWS\system32\cmd.exe	_ 🗆 🗙
C:\>cd WPS_DB\WPRCSDB	
C:\WPS_DB\WPRCSDB>configCommonDB.bat createDB	
	-

- ____d. Provide the DB2 password when prompted
- ____e. Upon completion of the command, you should see something very similar to the following illustration:

C:\WINDO	WS\systen	n32\cmd.exe	2	>	¢
DB20000I	The SQI	command	completed	successfully.]
DB200001	The SQL	command	completed	successfully.	
DB200001	The SQI	command	completed	successfully.	
DB20000I	The SQI	command	completed	successfully.	
DB200001	The SQL	command	completed	successfully.	
DB200001	The SQI	command	completed	successfully.	
DB200001	The SQI	command	completed	successfully.	
DB200001	The SQI	command	completed	successfully.	
C:\WPS_DB	WPRCSDE				٠l

_____f. Close the command window

50. EVENT Data source – creating JDBC resource :

- ____a. On the Monitor Server machine, open a command line window and change directory to <WPS_PROFILE_DIR>\event\dscripts\db2
- ____b. Run the script cr_db2_jdbc_provider.bat with cell as an argument



C:\IBM\WebSphere\ProcServer\profiles\wbprofile\event\dsscripts\db2>cr_db2_jdbc_p rovider.bat cell

Enter the DB2 user id: db2admin

Enter the DB2 password:

____d. Upon completion of the command, you should see something very similar to the following illustration:

📾 C:\WINDOWS\system32\cmd.exe	×
INFO: CEIIN0583I Creating the JDBC provider Event_DB2_JDBC_Provider at scope \angle Ce	•
ll:aimcpU9?NodeUlCell.	
Nov 10, 2006 1:41:07 PM db2_jdbc_provider	
INFO: CEIIN05841 The JDBC provider template "DB2 Universal JDBC Driver Provider	_
(XH)" has been found.	
Nov 10, 2006 1:41:12 PM db2_jdbc_provider	
INFU: CEIINUS/81 Creating the data source /Cell:aimcp09/Node01Cell/JDBCProvider:	
Event_DB2_JDBC_Provider/DataSource:event	
Nov 10, 2006 1:41:12 PM db2_jdbc_provider	
INFU: CELIN05871 modifying the connection pool properties for the data source ev	
ent at scope /Gell:almcp07/Node01Gell.	
NOV 10, 2006 1:41:12 FM ab2_datc_provider	
INFO: CELINDS/81 Greating the data source /Cell:almcp0//Mode01Cell/JDBGrP0Vider.	
Lvent_Db2_Db0_rrovider/batasource-event_catalog	
NUV 10, 2000 1.41.13 FN UNZ_JUNC_PROVINCE INFO: CFIIMAE701 Chesting the correction factory Fuent Catalog DP2 CF	
Nou 10 2006 1-41-12 DM db2 idbe provider	
NOV 10, 2000 1.11.13 III un2_junc_provider	
ent catalog at scope (call amende 700 Node 01 Call	
Nou 10 2006 1:41:13 PM db2 idbc prouider	
INFO: CFIIN05251 Saving the configuration	
Nou 10, 2006 1:41:28 PM db2 idbc prouider	
INFO: CELIN05211 The JDBC provider Event DB2 JDBC Provider and the data sources	
event. event catalog have been created successfully.	
C:\IBM\WebSphere\ProcServer\profiles\wbprofile\event\dsscripts\db2>	
	•

____e. Close the command window

- 51. WPRCSDB Data source creating JDBC resource: There are no explicit steps required. The JDBC resource is created on WebSphere Process Server for you
- ___52. Verify the Data sources created for EVENT database: It is always a good idea to verify that the data sources created are indeed correct. To do this, locate the JDBC resource and test the connection to it. This is a common use of WebSphere and most administrators will know how to do this task
 - ____a. Start the WebSphere Process Server
 - ____b. Log on to the WebSphere Administrative Console and go to Resources -> JDBC Provider
 - ____ c. Click on "Cell" radio button and Apply. You should see the "Event DB2 JDBC Provider".



__ d. Click on the Even_DB2_JDBC_Provider link and the Data sources under Additional Properties in the following screen, to view the data sources configures. You must see two data sources as shown below

🕗 WebSphere Administrative Console - Mic	rosoft In	ternet Explorer				_ 🗆 ×
Eile Edit View Favorites Iools Help						22
Address ahttp://localhost:9060/ibm/console/se	cure/logon	.do				💌 🋃 Go 🛛 Links 🌺
Welcome admin Logout Support	Help					
= Welcome	DBC prov	viders				Close page
🗄 Guided Activities	DBC prov	viders			2 :	- Help -
🗄 Servers	1DBC r		+ DB2 1DBC Denvir	ler > Data sour	FBS	Field help
Applications	A data	source is used b	v the application to	access data fror	n the database.	For field help information,
🖯 Resources	A data JDBC d	source is create lriver implement	d under a JDBC prov ation class.	ider, which supp	lies the specific	marker when the help
🗄 JMS Providers	🕀 Pret	Ferences				Bage belo
 JDBC Providers Resource Adapters 	New Delete Test connection Manage state					More information about this page
 Asynchronous beans Schedulers 	D	6 # 7				
🗄 Cache instances	Select	Name 🛟	JNDI name 🗘	Description ᅌ	Category 🗘	
 Object pool managers Elemente Artifacts 		event	jdbc/cei	Event server data source		
Mail Providers URL Draviders		event catalog	jdbc/eventcatalog	Event catalog data source		
Resource Environment Providers	Total	2				
🔁 🗠						Local intranet

_____e. Select the check boxes next to both of the data sources and click the **Test Connection** button. Ensure that the database connections are successful

Ξ	Messages
	Test connection for data source event on server server1 at node aimcp097Node01 was successful.
	Test connection for data source event_catalog on server server1 at node aimcp097Node01 was successful.

- 53. Verify the Data sources created for WPRCSDB database
 - ____a. Log on to the WebSphere Administrative Console and go to Resources -> JDBC Provider
 - ____b. Click on "Node" radio button and apply. You should see the "DB2_Universal_JDBC_DriverProvider (XA)".

🚈 WebSphere Administrative Console -	Microsoft In	ternet Explorer		_ O ×
Eile Edit Yiew Favorites Iools Hel	lp			1
Address 🙆 http://localhost:9060/ibm/console	e/secure/logor	n.do		💌 🋃 Go 🛛 Links ᄥ
Welcome admin Logout Supp	ort Help	2		of III ::: \$ IBM.
 Welcome Guided Activities Servers Applications Resources JMS Providers JDBC Providers Resource Adapters Asynchronous beans 		C Cell : aimcp097Node01Cell Node : aimcp097Node01 C Server : server1 Apply ferences	Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, <u>see the scope</u> <u>settings help</u>	Help Field help information, select a field label or list marker when the help cursor appears. Page help More information about this page
 Schedulers Cache instances Object pool managers Remote Artifacts Mail Providers URL Providers Resource Environment 	New Select	Delete	Description XA DB2 Universal JDBC Driver- compliant Provider. Datasources created under this provider.	
Providers Extended Messaging Provider			support the use of XA to perform 2-phase commit processing. Use	
Done Done				Local intranet

____ c. Click on the **DB2_Universal_JDBC_DriverProvider (XA)** link and **Data source** in the following screen, to view the data sources configured. You must see one data source as shown below:

🚰 WebSphere Administrative Console - Mic	osoft Internet Explorer	
<u> Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		at 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19
Address 🕘 http://localhost:9060/ibm/console/se	ure/logon.do	💽 🔁 Go 🛛 Links 🌺
Welcome admin Logout Support	Help	
= Welcome	BC providers	Close page
🗄 Guided Activities	DBC providers	? – Help –
Servers Applications	<u>JDBC providers</u> > <u>DB2 Universal JDBC Driver Provider (XA)</u> A data source is used by the application to access data from f	> Data sources Field help For field help information, select a field label or list
🛛 Resources	A data source is created under a JDBC provider, which supplie JDBC driver implementation class.	s the specific marker when the help
JMS Providers JDBC Providers	· Preferences	Page help
Resource Adapters	New Delete Test connection Manage state.	<u>More information about</u> this page
 Asynchronous beans Schedulers 		
🗄 Cache instances	Select Name 🗘 JNDI name 🗘 Description 🗘 C	Category 🗘
Object pool managers E Reprote Artifacte	DataSource jdbc/WPSDB WPS DataSource	
Mail Providers	Total 1	
URL Providers		
é		Local intranet

_____d. Select the check boxes next to **WPS DataSource** data sources and click the **Test Connection** button. Ensure that the database connections are successful

Ξ	Messages
	Test connection for data source WPS DataSource on server server1 at node aimcp097Node01 was successful.

____e. Close the Administrative Console

IBM WebSphere Business Monitor V6.0.2 – Lab Exercise

Appendix 2: Uninstalling WebSphere Business Monitor and its prerequisites

Database Server Machine

From the Windows Control Panel's Add/Remove Programs utility, follow the uninstall sequence below:

- _____1. Uninstall the WebSphere Business Monitor components: the MONITOR and DATAMART Databases
- _____ 2. Uninstall DB2 Cubes View 8.2.6
- _____ 3. Uninstall DB2 UDB ESE 8.2.6

Monitor & Dashboard machine

- 4. Uninstall the WebSphere Business Monitor components: the MONITOR and DATAMART Databases (uncatalogs), Monitor Server components and the Dashboard Server
- 5. Uninstall WebSphere Process Server 6.0.2
- _____ 6. Uninstall DB2 Alphablox
- _____7. Uninstall WebSphere Portal Server 5.1.0.4
- _____ 8. Uninstall WebSphere Application Server
- 9. Uninstall DB2 UDB ESE 8.2.6

For more information on keeping the system clean after the unstill of the Monitor components and it prerequisites, visit the "<u>Appendix 3: Hints and troubleshooting</u>" section at the end of the document for more information

Appendix 3: Hints and troubleshooting

Hints:

1. Remote Databases for WebSphere Process Server V6.0.2

WebSphere Business Monitor V6.0.2 Launchpad provides the capability to install the pre-requisite such as WebSphere Process Server V6.0.2 and select an option to use DB2 for Process Server databases. By selecting this option, the Process Server databases can only be created on the local Database Server. However, the Launchpad program doesn't provide the capability to create the databases used by the Process Server (the databases named EVENTS and WPRCSDB) to be remote databases. If planned to use Remote DB2 server for WebSphere Process Server databases, follow the instructions found at the end of this document, in the section: "Remote databases for Process Server"

2. To manually install the Portal Server V5.1.0.4, follow the instruction below:

The Monitor Launchpad installs the **lighter-weight version** of Portal V5.1.0.4, and to achieve the same by installing Portal Server out of the Monitor Launchpad;

Run the command: install.bat -W config.arguments=-DskipCM=true



3. Portal user ID and Alphablox user ID

Details: - The Portal Server user ID and Alphablox user ID are not Operating System specific or do not require to be re-defined in the system

Solution: - Accept the default user ID for the Portal Server and Alphablox. Also accept the Launchpad defaulted passwords for Portal Server and Alphablox.

4. Portal and Alphablox default passwords

Details: - The Launchpad defaults to the pre-defined passwords to their respective users.

Solution: - The default Portal password is wpsadmin and the default Alphablox password is password

5. Change Alphablox default password

Details: - When Launchpad installs Alphablox, the default for Alphablox user ID is 'admin' and password is 'password'. You can modify the password for existing user ID

Solution: - Open the Alphablox Admin page: Ex: - <u>http://localhost:9081/AlphabloxAdmin</u>[®]. Login with default **user ID/password** and click on '**Administration**' tab and then '**Users**' tab. Select user ID '**admin**' then click '**Edi**t' button. Provide new password for 'admin' user. Click **Save**

6. Create new user ID for Alphablox

Details: - New Alphablox user ID can be created from Alphablox Admin page

Solution: - Open the Alphablox Admin page: Ex: - <u>http://localhost:9081/AlphabloxAdmin</u>[®]. Login with default **user ID/password** and click on '**Administration**' tab and then '**Users**' tab. Click '**Create**' button then provide new user ID and password. Click **Save**

7. Select 'Create DB manually' option

Details: - If user uses the Launchpad to install Databases and select the option 'Create DB manually' on the Database setup panel, the Launchpad will only generate scripts and DDL scripts.

Solution: - Run the DDL scripts manually

Troubleshooting:

1. Useful files for debugging installation problems

Details: - When debugging installation problems, gather as much information as possible

Solution: - If you have a problem installing any of the Monitor components, include these files when you request assistance.

- All files in <MONOTOR_HOME>\install\logs
- The following files in the %TEMP% directory of the Administrator user

(C:\DOCUME~1\userid\LOCALS~1\Temp/)

launchpad-monitor.log launchpad-Traces.log Mon_Install.rsp WbimInstall.log

- The Process Server log file: SystemOut.log
- 2. Monitor Databases install failed

Details: - If Launchpad displays the status of Databases install as 'Failed' on the final Result panel

Solution: - Open DB2 Control Center and drop all Monitor databases

3. The Install Shield's vpd properties sometimes gets corrupted

Details: - If a monitor installation fails in an unexplained manner, the Install Shield product registry can get corrupted and you may need to clean things up.

Solution: -

a. Find for the **Gen2** directory in C:\Program Files\Common Files\InstallShield\Universal\common\Gen2 and delete it

🗁 C:\Program Files\Common Files\InstallShield\Universal\common\Gen2							
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp			1			
🚱 Back 👻 🕤 👻 🥬 Searc	th 🌔 Folders 🛛 🗗	🖗 🌶 🗙 🍤 🎟 •					
Address 🛅 C:\Program Files\Common Files\InstallShield\Universal\common\Gen2 💽 💽							
Name 🔺	Size	Туре	Date Modified	Attributes			
		File Folder	11/4/2006 3:06 PM				
•				•			

- b. Remove the Monitor registry entry in HKEY_LOCAL_MACHINE → SOFTWARE → IBM
- c. Remove the directory that Monitor is currently installed in
- d. If the Monitor databases are already installed, you need to drop them
- 4. How to manually uninstall Monitor features

Details: - If the Monitor uninstaller fails, you can manually uninstall the Monitor features.

Solution: -

- e. On Windows, the path is C:\Program Files\Common Files\InstallShield\Universal\common\Gen2. On AIX, the path is /usr/lib/objrepos/InstallShield/Universal/common/Gen2
- f. Remove the Monitor registry entry in **HKEY_LOCAL_MACHINE** \rightarrow **SOFTWARE** \rightarrow **IBM**
- g. Remove the directory that Monitor is currently installed in
- h. Remove install.vlf. On Windows, the path is %WINDIR%. On AIX, the path is /usr/lib/objrepos
- 5. Debugging Monitor database creation problems

Details: - If the Monitor database creation fails, you will see this error message: An error occurred and product installation failed. Look at the log file C:\DOCUME~1\userid\LOCALS~1\Temp/WbimInstall.log for details

Solution: - Follow these steps to determine where the problem occurred.

- In WbimInstall.log, look for this line: ProductException: (error code = 601; message="The execution of the bat file failed with a return code of 2")
- j. Go up 3 lines and you will see this line: "installing Bat File Test Condition PA (bat_test_xxx)".
- k. The text in parentheses tells you what script was running. Each script has log files associated with it.
- I. Here are the possible text values and the log files associated with them.

bat_test_repository - db2CreateMonDBOut.log, db2CreateMonDBErr.log bat_test_datamart - db2CreateDatamartOut.log, db2CreateDatamartErr.log bat_test_repos_catalog1 - catalogMonDBOut.log, catalogMonDBErr.log bat_test_datamart_catalog - catalogDatamartOut.log, catalogDatamartErr.log

- m. The log files will tell you why the database creation failed
- 6. Debugging Monitor JDBC Data Sources in WebSphere Process Server

Details: - The Monitor install finishes and the JDBC data sources return an error when tested in the Administrative Console.

Solution: - It is possible that there may have been a DB2 node named either MONITOR or DATAMART in your local DB2 instance. If this is the case, you need to un-catalog the node and install again. To check for this problem, open a DB2 Command Window and type "db2 list node directory". If the results show a node with the name MONITOR or DATAMART, delete it with the command "db2 delete node MONITOR".

7. WebSphere Process Server fails while installing through Launchpad due to existing databases (local database server)

A WebSphere Process Server stand-alone profile uses two databases, one for its own internal use and the other for CEI events. A WebSphere Process Server Deployment Manager profile only uses the internal database. If you select to use DB2 for your WebSphere Process Server databases by selecting the "Use DB2 UDB for WebSphere Process Server databases" check box, you must make sure the databases that

the WebSphere Process Server profile will use do not already exist on your local DB2 instance. WebSphere Process Server uses the following database names when installed using Launchpad:

Standalone profile: MONWPS & MONCEI

Deployment Manager profile: MONDWPS

Solution:

1) Drop the databases needed by WebSphere Process Server, clean up your WebSphere Process Server install, and try again

or

2) Clean up your WebSphere Process Server install, and run the WebSphere Process Server install manually. This will allow you to specify your own database names. When WebSphere Process Server is installed with the profile you want, run Monitor Launchpad again