

Performance Management XI R2

Installing Performance Management XI R2 After Installing Enterprise XI R2

Overview

This document discusses how to install Performance Management XI R2 after you have installed BusinessObjects Enterprise XI R2. The intended audience for this information is IT professionals or administrators.

Contents

INTRODUCTION	2
INSTALLATION PREREQUISITES	2
Checking for patches	2
INSTALLING PERFORMANCE MANAGEMENT/DASHBOARD MANAGER	3
CENTRAL MANAGEMENT CONSOLE CONFIGURATION	3
STARTING/ENABLING IN THE CENTRAL CONFIGURATION MANAGER	4
ADDING PERFORMANCE MANAGEMENT FILES TO THE DESKTOP.WAR FILE	4
Redeploying the desktop.war file	5
JAVA APPLICATION SERVER SETTINGS	5
FINDING MORE INFORMATION	6

Introduction

This document discusses the installation prerequisites, setup, Central Management Console (CMC) configuration, Central Configuration Manager (CCM) configuration, WAR files, and Java Application Server settings needed to install Performance Management XI R2.

Installation Prerequisites

Before installing Performance Management there are some items that need to be verified to determine what you should do next on your installation.

Checking for patches

Check for patches on your BusinessObjects Enterprise server. If you have ANY patches (hot fixes, fix packs, or service packs) installed, you will need to backup your Central Management Server database and FileStore and then uninstall/reinstall Business Objects Enterprise. The reason for this is because you cannot install a patch twice (the install program will detect that a patch is already installed), your Performance Management component versions will not match your BusinessObjects Enterprise component versions and the system will not function properly.

Do the following:

1. Click **Start > Settings > Control Panel > Add/Remove Programs** and see if any Service Packs or Fix Packs are listed.
2. Go to the **\Patches** folder and see if any patches are listed there. This is usually located in:

c:\Program Files\Business Objects\BusinessObjects Enterprise11.5

NOTE	If you have patches installed proceed with steps 3-6., otherwise go to the next section.
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3. Backup your Central Management Server database.

CAUTION	Check with your Database Administrator or System Administrator on how to do this or if this is already being done. This also applies to step 4.
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4. Backup your FileStore folders usually located in:

c:\Program Files\Business Objects\BusinessObjects Enterprise11.5\Filestore

5. Click **Start > Settings > Control Panel > Add/Remove Programs > Business Objects Enterprise > Change/Remove button > Remove button** to uninstall BusinessObjects Enterprise.

CAUTION	Check with your Enterprise Administrator or System Administrator before doing this.
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6. Run the Business Objects Enterprise XI R2 installation again to reinstall it.

Installing Performance Management/Dashboard Manager

Once you have determined that you do not have any patches installed, you will need to install the Performance Management components by going through the following steps:

NOTE	Performance Management only works on Java. It does not work with IIS.
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1. Click **Start > Settings > Control Panel > Add/Remove Programs > Business Objects Enterprise > Change/Remove** button.
2. You will be prompted with three options, select **Modify** and click the **Next** button.
3. Expand the **Server Components** section and expand **Servers**.
4. Click the drop down menu for **Performance Management Servers** and select **Entire Feature Will be installed on Local hard drive**.
5. Expand **Web Component Adapters**, if **Java Web Component Adapters** has a red X click the drop down menu and select **Entire Feature Will be installed on local hard drive**.
6. Expand **Java Web Component Adapters**, if **Tomcat** has a red X click the drop down menu and select **Entire Feature Will be installed on local hard drive**.

NOTE	If you have another Java Application Server installed, you do not to install the Tomcat Java WCA.
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7. Click **Next** button and continue clicking **Next** button and Performance Management will be installed.

Central Management Console Configuration

Once Performance Management is installed, you need to enter in a license key for it to function properly and create a user called PMUser in the CMC. To accomplish this do the following:

1. Launch the CMC. Click **License Keys**.
2. Enter in your Dashboard Manager key here. If you have other Performance Management keys, please add them in here right now as well.
3. Click **Home > Users > New User** button.
4. Type "PMUser" for the user name and leave the password blank.
5. Verify the **User must change password at next logon** is not checked and click the **OK** button.

6. Click the **Member Of** tab for the **PMUser** account, click the **Member Of** button, highlight the **Administrator's** group on the left, click > button to move it to the right hand side and click and click OK.

Starting/Enabling in the Central Configuration Manager

Check to make sure Performance Management is installed and start/enable your services.

1. Launch the CCM.
2. Verify you have a list of 9 services starting with AA and they are all started.
3. Click the Enable/Disable Server icon on the toolbar (server with a check mark on it).
4. Log in with the Enterprise Administrator account.
5. If any of the services are not checked, make sure you select Check All and click OK.

Adding Performance Management files to the Desktop.war file

Since Performance Management was installed after Business Objects Enterprise, the Performance Management files were not added to desktop.war so you will need to do this manually.

1. Create a folder somewhere such as the root of the C:\ drive so the path is easy to type in and call it something like \OriginalDesktopWar.
2. Create a second directory called \NewDesktopWar.
3. Go to c:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\java\applications and copy the desktop.war file into the first folder you created.
4. Click **Start > Run**, type "cmd" to open a command prompt window.
5. Navigate to C:\Program Files\Business Objects\j2sdk1.4.2_XX\bin (where XX is the version of Java that is listed) and run the following command:

```
java -jar <path to mergeboar.jar> <path to the backup desktop.war file> <path to the pm11.boar file> <path where you want the new file to be placed and the filename>
```

For example, if you used the suggested folder names, you would have:

```
java -jar "C:\Program Files\Business Objects\Performance Management 11.5\setup\mergeboar.jar" "C:\OriginalDesktopWar\desktop.war" "C:\Program Files\Business Objects\Performance Management 11.5\pm11.boar" "C:\NewDesktopWar\desktop.war"
```

NOTES	<ul style="list-style-type: none"> Type this up in Notepad to make this easier, copy it, go back to the command prompt, right-click and select Paste. Remove any quotes listed here and replace them with new quotes to make sure your command prompt window will take them.
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- Rename the desktop.war file in your Application directory:
c:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\java
- Copy in the desktop.war file you updated from the NewDesktopWar directory or the directory you specified.

Redeploying the desktop.war file

- Stop Apache Tomcat.
- Go to **c:\Program Files\Business Objects\Tomcat\webapps\businessobjects\enterprise115\desktoplaunch** and move the **\desktoplaunch** to your desktop or delete it.
- Go to **c:\Program Files\Business Objects\Tomcat\work\Catalina\localhost** folder and move the **\localhost** folder to your desktop or delete it.
- Start Apache Tomcat.
- Click **Start > Run**, type "taskmgr" to open Task Manager.
- Click **Processes** tab, click **Show processes from all users**, you will see Tomcat5.exe listed, and watch the CPU usage until it drops down to and stays on 0. Desktop.war has finished deploying.
- Launch InfoView and see if the changes are there.

NOTE	InfoView will be really slow the first time you use it as it is recreating the cache in the work directory.
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Java Application Server Settings

You will need verify the settings in `initconfig.properties` file and make sure your Java Application Server is setup to look at this file. Do the following:

- Go to **c:\Program Files\Business Objects\Performance Management 11.5** and open the `initconfig.properties` file in Notepad.
- Verify the fourth line down has your correct CMS name and that the PMUser account is listed here with no password.
- To verify Apache Tomcat can see the `initconfig.properties` file go to **Start > Programs > Tomcat > Tomcat Configuration > Java** tab.
- In the **Java Options** text panel, type one of the following parameters, without the quotation marks:
-Daf.configdir=C:\Program Files\Business Objects\Performance Management 11.5

5. Log into InfoView. You should see and be able to click the **Performance Management** link to get into Performance Management and see the **Dashboard Manager** tab.

Finding more information

For more information and resources, refer to the product documentation and visit the support area of the web site at

<http://www.businessobjects.com/>

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