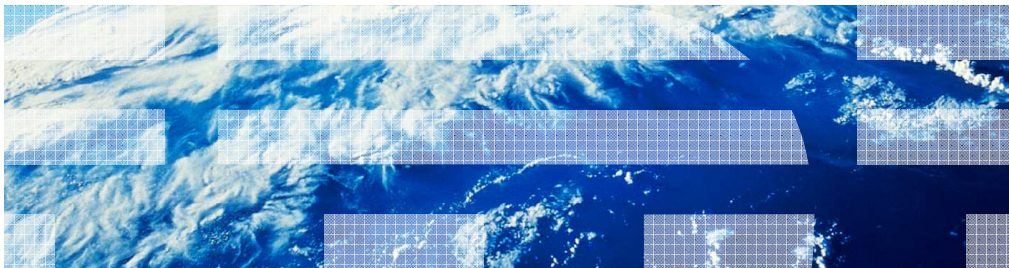


IBM Business Monitor

Installation



This presentation should give you an understanding of the installation of IBM Business Monitor.

Goals

- Introduce installation in IBM Business Monitor including the development toolkit and runtime servers

This presentation will give you an understanding of the installation of IBM Business Monitor including the monitor model editor in the development toolkit and the runtime servers.

Agenda

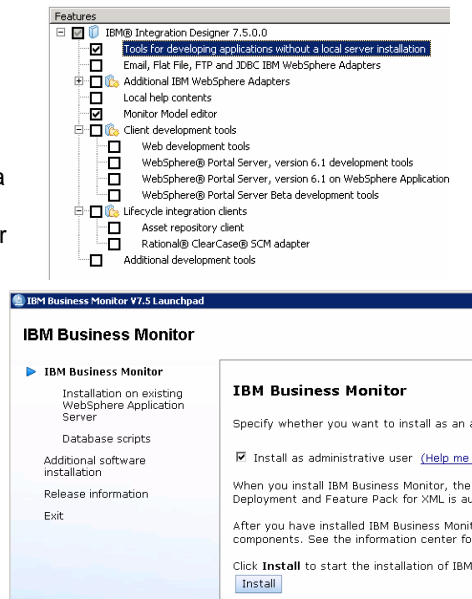
- Toolkit installation
- Runtime installation
- Launchpad options
- Un-installation
- Logs
- Cognos installation and configuration

This is the agenda for this presentation. For developing monitor models, you will learn how to install the monitor model editor into the toolkit. You will also learn how to install the monitor server into a stand-alone or Network Deployment environment. You will see screen captures of the various options in the Monitor launchpad. You will see how to uninstall Monitor. For troubleshooting and verification, you are shown the location of installation and runtime logs. And finally you will see how simple it is to install and configure Alphablox for use with multi-dimensional reporting.

Monitor installation procedure

- Toolkit
 - Install IBM Integration Designer
 - The monitor model editor is included as a selectable feature
 - Test environment includes Monitor server
 - For Rational Application Developer, you will install the Monitor toolkit separately

- Runtime
 - Install IBM Business Monitor using Installation Manager
 - Augment Monitor onto process center or process server profiles
 - Configure using topology wizards or deployment environment wizard
 - Install remote Monitor and setup remote CEI configuration

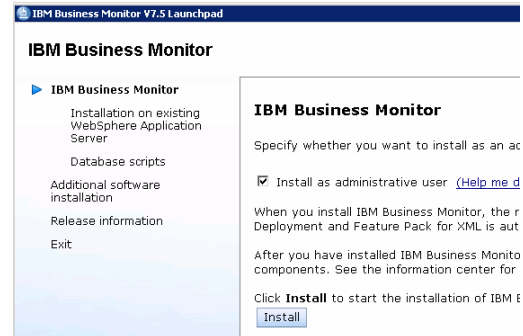


The IBM Business Monitor development toolkit provides wizards, libraries, and a test environment to help you create and test monitor models. The IBM Business Monitor development toolkit can be installed in an existing Rational Application Developer or IBM Integration Designer environment. When running the installation wizard for IBM Integration Designer, you see the monitor model editor as a selectable feature in the feature list. For Rational Application Developer you will install it first and then there is a separate launchpad to install the monitor toolkit.

IBM Business Monitor server can be installed in multiple topologies. You can install all components on a single server, or you can distribute the components across multiple systems. To achieve a highly available environment with failover support, you can install IBM Business Monitor into a clustered environment that uses the WebSphere Application Server clustering mechanism. The installation process includes installing IBM Business Monitor using the Installation Manager. Then you will need to create profiles using the profile management tool, or augment existing IBM BPM server profiles with Monitor. After that you can configure the monitor components using the topology wizards, or you can use the deployment environment wizard to generate predefined topologies. If your event emitters are in a different cell from Monitor, then you will also need to configure the remote CEI server.

Launchpad

- Install IBM Business Monitor with related software
- Install on existing application server
- There is an option to run the database scripts
- Optionally install HTTP server
- Links to hardware and software requirements, information center



This screen capture shows you the launchpad for IBM Business Monitor installation. You can select to install Monitor with its associated software bundle including the application server. Or you can choose to install Monitor on an existing application server. There are other options to run database scripts, install the HTTP server, or link to the release information.

Installation on existing WebSphere Application Server

IBM Business Monitor Select a language: English

IBM Business Monitor

Installation on existing WebSphere Application Server

Database scripts

Additional software installation

Release information

Exit

Installation on an existing WebSphere Application Server

Follow these steps to install IBM Business Monitor on an existing installation of WebSphere Application Server.

Install as administrative user ([Help me decide](#))

1. Import or update WebSphere Application Server and associated feature packs

If WebSphere Application Server has never been imported before, or if it has been updated with the Update Installer after it was last imported, you must import WebSphere Application Server now. Click Import or Update now, and then, when Installation Manager opens, click **Import**.

If WebSphere Application Server has been imported before, and has not been updated, you can update WebSphere Application Server now. Click Import or Update now, and then, when Installation Manager opens, click **Update**. Install available updates for WebSphere Application Server and Feature Pack for XML. On the Update Packages page, select **Show all** to display available updates.

2. Install IBM Business Monitor

When you install IBM Business Monitor, the required WebSphere Application Server, Feature Pack for XML is automatically selected for installation. Clear the check boxes beside WebSphere Application Server and the Feature Pack for XML if it is already installed.

After you have installed IBM Business Monitor, you must create a profile and configure the components. See the information center for detailed information about your next steps.

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Installation
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If you are installing onto an existing WebSphere Application Server, then there is an option for that in the Monitor launchpad. This screen capture shows the installation process for this option. You click the 'Import or Update' button to start Installation Manager to import and update your existing installation. Then you click the Install button to complete the installation of Monitor.

Installation of packages

Install Packages

Select packages to install:

Installation Packages

- IBM WebSphere Application Server - ND
 - Version 7.0.0.17
- IBM WebSphere Application Server V7 Feature Pack for XML
 - Version 1.0.0.9
- IBM® Business Monitor
 - Version 7.5.0.0
- IBM® Cognos Business Intelligence 32 bit
 - Version 10.1.0.1
- IBM® Cognos Business Intelligence 64 bit
 - Version 10.1.0.1
- IBM® DB2 Express 64 bit
 - Version 9.7.0.4

Features

- IBM WebSphere Application Server - ND 7.0.0.17
 - IBM WebSphere Application Server V7 Feature Pack for XML 1.0.0.9
- IBM® Business Monitor 7.5.0.0
 - Business Monitor Server
 - Stand-alone development Business Monitor profile (qmwasm)
 - Stand-alone development Business Monitor on Process Server profile (qmbpmasm)
 - Stand-alone development Business Monitor on WebSphere Enterprise Service Bus profile (qmesb)
- IBM® Cognos Business Intelligence 64 bit 10.1.0.1

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Installation
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In the Installation Manager, you are prompted to select the Monitor packages for installation. This includes related software such as the application server, feature pack, Cognos and DB2 Express. On the features panel you can select to install various stand-alone server profiles and Cognos.

Installation results

Install Packages

The packages are installed. [View Log File](#)

The next step is to use the `manageProfiles` command or the Profile Management Tool to augment existing profiles or create a new profile to enable the functionality provided by the feature pack. See the Information Center articles on creating, deleting, and augmenting profiles. Additionally, Network Deployment customers should read the profile rules and limitations topic.

The following packages were installed:

- IBM WebSphere Application Server - ND
- IBM WebSphere Application Server - ND 7.0.0.17
- IBM WebSphere Application Server V7 Feature Pack for XML 1.0.0.9
- IBM® Business Monitor 7.5.0.0
- IBM® Cognos Business Intelligence 32 bit 10.1.0.1
- IBM® DB2 Express 32 bit 9.7.0.4

Which program do you want to start?

- Profile Management Tool
- None

Installation Manager was successfully installed into: C:\Program Files\IBM\Installation Manager\ eclipse

Note: If the packages support rollback, the temporary directory contains rollback files for installed packages. You can delete the files on the [Files for rollback](#) preference page.

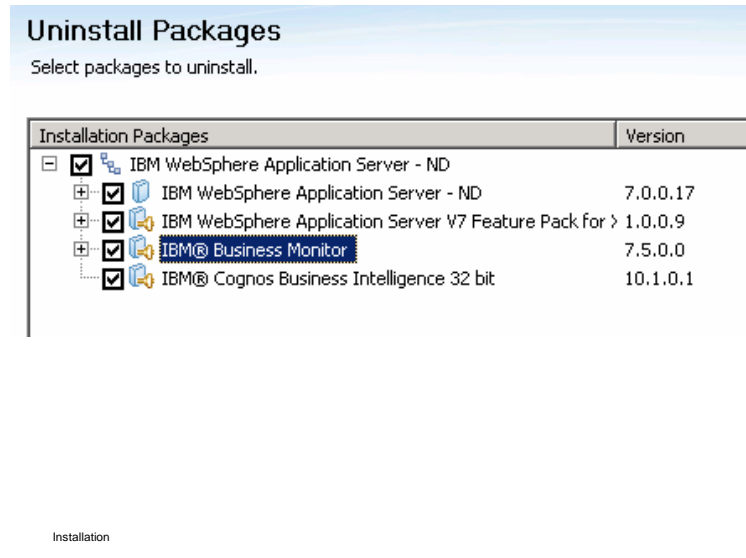


Finish

When Monitor installation is complete, you are given a confirmation panel. Here you can click the link to view the log file, and then you will see a formatted display of log messages with severity indicator icons. You are also given the option of automatically starting the profile management tool so that you can create or augment your profiles.

Uninstall IBM Business Monitor

- Start Installation Manager or use <server-path>\uninstall\uninstall.bat



To uninstall IBM Business Monitor server you can start Installation Manager or you can use the uninstall script in the server uninstall folder. In either case you are given the option of uninstalling Monitor, WebSphere Application Server, XML feature pack and Cognos. For the toolkit, you can use Installation Manager and you are given the list of installed features where you can de-select the monitor model editor to remove it from the installation.

Installation and configuration logs

- Installation Manager
 - \ProgramData\IBM\Installation Manager\logs\<timestamp>.xml
 - \Documents and Settings\All Users\Application Data\IBM\Installation Manager\logs\<timestamp>.xml
- WebSphere Application Server
 - <server-path>\logs\install\log.txt
- IBM Business Monitor
 - <server-path>\logs\wbm\install\installconfig_wbm.log
 - Cognos install: <server-path>\cognos\instlog

This slide shows the location of the installation logs for Installation Manager, WebSphere Application Server and Monitor. After installation you can check these logs to verify that the installation is successful.

Profile and runtime logs

- Profile logs
 - <WAS_HOME>/logs/manageprofiles
 - <PROFILE_NAME>_create.log or <PROFILE_NAME>_augment.log
 - <WAS_HOME>/logs/manageprofiles/<PROFILE_NAME> - contains logs for each of the scripts run
 - Cognos configuration: wbm.configCognosService.ant.wsadmin.log
- Monitor runtime
 - <server-path>\profiles\<profile-name>\logs
- Cognos runtime
 - First instance: <server-path>\cognos\logs
 - Other instances: <server-path>\profiles\<profile-name>\cognos\<server-name>

There are logs for profile creation and augmentation, and logs for Cognos configuration. And there are runtime logs that you can use to verify ongoing operations for Monitor server and Cognos.

Summary

- Covered installation of IBM Business Monitor

In summary, this presentation covered the installation of Monitor in a development environment, stand-alone server environment and Network Deployment environment. You also learned where to go to find the logs for troubleshooting purposes.

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This module is also available in PDF format at: [../BPM_BusinessMonitor_Installation.pdf](http://BPM_BusinessMonitor_Installation.pdf)

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