



BusinessObjects Polestar Administration and Deployment Guide

Copyright

© 2008 Business Objects. All rights reserved. Business Objects owns the following U.S. patents, which may cover products that are offered and licensed by Business Objects: 5,555,403; 5,857,205; 6,289,352; 6,247,008; 6,490,593; 6,578,027; 6,831,668; 6,768,986; 6,772,409; 6,882,998; 7,139,766; 7,299,419; 7,194,465; 7,222,130; 7,181,440 and 7,181,435. Business Objects and the Business Objects logo, BusinessObjects, Business Objects Crystal Vision, Business Process On Demand, BusinessQuery, Crystal Analysis, Crystal Applications, Crystal Decisions, Crystal Enterprise, Crystal Insider, Crystal Reports, Desktop Intelligence, Inxight, the Inxight Logo, LinguistX, Star Tree, Table Lens, ThingFinder, Timewall, Let there be light, Metify, NSite, Rapid Marts, RapidMarts, the Spectrum Design, Web Intelligence, Workmail and Xcelsius are trademarks or registered trademarks in the United States and/or other countries of Business Objects and/or affiliated companies. All other names mentioned herein may be trademarks of their respective owners.

Third-party Contributors

Business Objects products in this release may contain redistributions of software licensed from third-party contributors. Some of these individual components may also be available under alternative licenses. A partial listing of third-party contributors that have requested or permitted acknowledgments, as well as required notices, can be found at: <http://www.businessobjects.com/thirdparty>

2008-04-30



Contents

Chapter 1	About this BusinessObjects Polestar guide	5
	Who should read this BusinessObjects Polestar guide.....	6
Chapter 2	Polestar overview	7
Chapter 3	Polestar deployment	9
	General Polestar system requirements for servers and end-users.....	11
	Installing Polestar.....	12
	Logging on to Polestar.....	14
	Uninstalling Polestar.....	15
	Deploying Polestar in a complex environment.....	16
	Deploying Polestar onto a server without BusinessObjects Enterprise XIR2.....	17
Chapter 4	Polestar administration	21
	Managing Polestar web application settings.....	22
	Configuring Polestar settings.....	24
	Configuring the Polestar index path.....	24
	Configuring the number of Polestar Corba threads.....	25
	Configuring the Polestar bookmark validity period.....	26
	Configuring the session timeout period.....	27
	Configuring the workload update setting for load balancing.....	28
	Starting and stopping Polestar servers.....	29
	Configuring the BusinessObjects Enterprise CMC for users.....	29
	Configuring a Space explorer profile.....	30
	Configuring an Administrator profile.....	30

Contents

Configuring a Space creator profile.....	31
Logs in Polestar.....	31
Server logging in Polestar.....	32
Web application logging in Polestar.....	33
Appendix A Get More Help	35
Index	39



About this BusinessObjects
Polestar guide

1

chapter



1 | About this BusinessObjects Polestar guide

Who should read this BusinessObjects Polestar guide

This guide is for administrators of BusinessObjects Enterprise XI Release 2, who wish to install the BusinessObjects Polestar search and explore functionality. This guide includes information on:

- [Polestar overview](#) on page 7
- [Polestar deployment](#) on page 9
- [Polestar administration](#) on page 21

For information on how to use BusinessObjects Polestar, see the *BusinessObjects Polestar Online Help*.

Who should read this BusinessObjects Polestar guide

This Administrator's Guide is intended for use by anyone installing and maintaining Polestar, this includes the maintenance of Information Spaces.

This guide assumes familiarity with BusinessObjects Enterprise and Universes.

Installing and deploying BusinessObjects Polestar requires knowledge of:

- Operating System administration
- Application server administration



Polestar overview



2

chapter



Polestar is an innovative search and explore tool that allows users to search within the content of Information Spaces (a collection of Universe objects sharing a contextual meaning) managed by BusinessObjects Enterprise. Spaces are retrieved by using search keywords and appear in search results ranked in order of relevance.

Note: Users can only view Information Spaces within their search results if they have the correct viewing rights.

Keyword searches are achieved by using methods like methods used in other search engines, the search is also enhanced by providing guided navigation to what the user wants. These search methods and navigation techniques are described in the *BusinessObjects Polestar Online Help*.



Polestar deployment



chapter



This section discusses the necessary steps for Polestar to be installed and be ready for use by a user. It includes information on:

- system requirements
- installation
- logging into the system successfully
- uninstallation
- complex deployment

For example, it is possible to deploy Polestar in a clustered environment for load balancing. This section discusses deployment onto a server that does not have BusinessObjects Enterprise.

Polestar is dependent upon the Business Objects platform and the CCM. When installed, several Polestar servers are added to the CCM:

- Polestar Master Server
Manages all the Polestar servers (Polestar Exploration Server, Polestar Indexing Server, and Polestar Search Server).
- Polestar Indexing Server
Provides and manages the indexing of Information Space data.
- Polestar Search Server
Provides and manages the search capabilities of Polestar.
- Polestar Exploration Server
Provides and manages the Information Space exploration and analysis capabilities.

Additional servers required for Polestar to run correctly are:

- Central Management Server
- Web Intelligence Report Server
- Output File Repository Server
- Input File Repository Server
- Connection Server
- Apache Tomcat

After installation ensure that you enabled and started the servers within the CCM.

Note: The Polestar servers can be installed on different machines but only one instance of a Polestar server can be installed on a single machine. Only a single Master server can be installed per deployment.

It is necessary that you are comfortable with Business Objects administration. Use this section to understand the required steps for Polestar deployment.

General Polestar system requirements for servers and end-users

Minimum hardware requirements

- 1 CPU - Pentium 4-class 2 GHz**
- 2 GB RAM
- 200 MB hard disk space (you also require additional diskspace for indexing)

Your hardware requirements are dependent upon the number of users expected to access Polestar.

Note: ** Windows support is limited strictly to the 32-bit versions of Windows operating on either 32-bit (x86) AMD/Intel chipsets or 64-bit (x86) AMD/Intel chipsets. Business Objects Enterprise software for Windows is not warranted or supported for use on other chipsets.

Software requirements

Polestar supports the following Operating Systems:

- Windows 2000 SP4 Advanced Server
- Windows 2000 SP4 Datacenter Server
- Windows 2000 SP4 Server
- Windows Server 2003 Datacenter Edition
- Windows Server 2003 Enterprise Edition
- Windows Server 2003 Standard Edition
- Windows Server 2003 Web Edition
- Windows Server 2003 SP1 Datacenter Edition
- Windows Server 2003 SP1 Enterprise Edition
- Windows Server 2003 SP1 Standard Edition

- Windows Server 2003 SP1 Web Edition
- Windows 2003
- Windows 2003 SP1

Polestar supports the following Internet Browsers:

Browser Operating System	Browser
Microsoft Windows	IE6.0.1, IE 6.0.2, IE 7.0, Firefox 1.0.4, Firefox 2.0.0.11, Safari 1.3

Polestar supports the following browser plug-in:

- Adobe Flash Player 9

Polestar supports the following web application server:

- Tomcat 5.0.27

Polestar requires BusinessObjects XI Release 2 Service Pack 3 to be installed.

Language requirements

Polestar supports systems configured with the following languages:

- English
- French
- German
- Italian
- Dutch
- Spanish
- Japanese
- Korean
- Chinese
- Chinese (Taiwan)

Installing Polestar

Before installation ensure the following:

- BusinessObjects XI Release 2 is installed.

If an earlier version of Business Objects is installed, you are prompted to install BusinessObjects XI Release 2.

This section describes how to install Polestar as an add-on to your BusinessObjects XI Release 2 installation:

1. Double click setup.exe to launch the Polestar installation.
The BusinessObject Polestar Setup dialog appears.
2. Click **Next >** once you have read the welcome message.
The License Agreement is displayed.
3. Once you have read the agreement click one of the two options:
 - **I accept the license agreement**
 - **I do not accept the license agreement**
 - a. If you accepted the agreement click **Next >** to continue with the installation.
The **Destination Folder** screen appears.
 - b. If you did not accept the agreement click **Cancel** to exit the installation.
A confirmation dialog appears. Click **Exit Setup** to exit.
4. Confirm the destination folder for the installation, click **Next >** to continue.
The directory is detected based upon your BusinessObjects Enterprise XI Release 2 installation.
5. Select the features you want to install:
 - Polestar Servers
This feature includes the necessary servers (Master, Indexing, Search, and Exploration), third-party components , and the BusinessObjects Java SDK.
Note: Choose the servers you want to install. It is possible to install the servers on different machines. For example, you can have dedicated machines for indexing, exploration, and search. Only one Master Server can be used per Business Objects CMS.
 - Web Application Server Components
This feature includes the necessary web portal deployment components.

- CMS Add-On

Note: This feature is disabled when the CMS is not detected.

6. Click **Next >** to continue.

Apache Tomcat is detected.

7. Choose how you want to update the web server, click:

- **Yes** - the installer updates the web server automatically

Note: It is recommended to choose this option.

- **No** - you manually update the web server after installation

8. Click **Next >** to continue.

The CMS Logon screen appears.

9. Enter your CMS logon credentials:

- CMS Name
- Port number
- User Name
- Password
- Authentication:

Enterprise, LDAP, Windows AD, or Windows NT.

10. Click **Next >** to continue.

If your credentials are not accepted, a dialog appears indicating the problem, and you can try again.

If your credentials are accepted, you are prompted to install Polestar.

11. Click **Next >** to begin installation of Polestar.

When finished, a message is displayed indicating installation was successful.

Polestar is installed and is ready to be used.

Logging on to Polestar

To access Polestar, type in the URL (the address of the Polestar product) in your web browser. On Windows, you can also access Polestar from the program group on the Windows Start menu.

To access Polestar:

1. Go to the to following URL:

`http://webserver/polestar`

Replace `webserver` with the name of the web server that is setup for Business Objects Enterprise. If you are unsure what the web server name is or what the exact URL is, check with your administrator.

The Log On page appears.

2. Type in the name of your system within the **System** field.
3. Type your username and password within the **Username** and **Password** fields.
4. Click the **Authentication** list to select Enterprise, LDAP, or Windows AD authentication.

Enterprise authentication requires a username and password that Business Objects Enterprise recognizes.

LDAP authentication requires a username and password that an LDAP directory server recognizes.

Windows AD authentication requires a username and password that Windows AD recognizes.

Note: Enterprise authentication is the default method. LDAP, and AD authentication requires specific set up. If necessary, contact your system administrator for further help.

5. Click the **Log On** button to log into Polestar.

If your logon credentials are accepted the welcome page with the Home tab appears.

Note: If you have the correct rights, the Manage Spaces tab is also available. To open the tab, click **Manage Spaces** on the title bar (located on the top-right corner).

To log off Business Objects Polestar, click **Logoff** on the title bar (located on the top-right corner). The Log On page reappears.

Uninstalling Polestar

To uninstall Polestar:

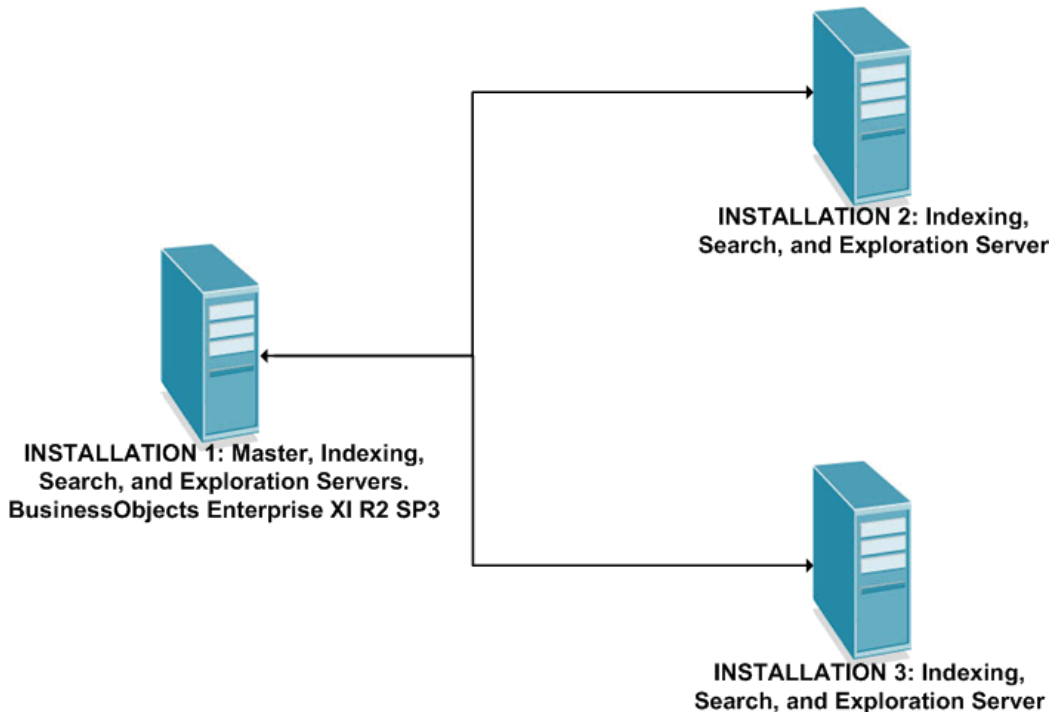
1. Navigate to the **Control Panel** of your Windows installation.

2. Open **Add or Remove Programs**.
 3. Locate **BusinessObjects Polestar**.
 4. Click **Remove**.
A confirmation dialog appears.
 5. Click **Yes** to uninstall Polestar.
The Polestar installation files are removed.
- Polestar is removed.

Deploying Polestar in a complex environment

Polestar can be installed on separate machines to share the expected workload of your deployment. It is possible to deploy different Polestar servers on the machines according to the expected use of Polestar. For example, if you expect to have a lot of indexing requests, deploying an additional machine improves indexing performance.

The following diagram explains how Polestar can be deployed:



There can be only one instance of a Polestar server on a machine but multiple instances within your deployment. However there can only be a single Master server within the deployment.

It is also possible to install Polestar on a machine without BusinessObjects Enterprise. During installation, ensure that you point Polestar to the external BusinessObjects Enterprise CMS.

Deploying Polestar onto a server without BusinessObjects Enterprise XIR2

Before you begin to deploy Polestar, ensure the following:

- You have administrative access to the designated machine for installation.
- The machine that BusinessObjects Enterprise XIR2 is installed on is operating and is accessible on the network.
- The CMS (Content Management Server) details of the BusinessObjects Enterprise XIR2 installation to connect to is operating.

- You have the CMS details of the BusinessObjects Enterprise XIR2 installation. For example, the CMS name, port, and user credentials.

It is possible to deploy Polestar onto a machine that does not have a BusinessObjects Enterprise XIR2 installation. Polestar connects to another CMS on a separate machine on your network.

1. Access the machine where you wish to deploy Polestar.
2. Double click **setup.exe** to launch the Polestar installation. The BusinessObject Polestar Setup dialog appears.
3. Click **Next >** once you have read the welcome message. The License Agreement is displayed.
4. Once you have read the agreement click one of the two options:
 - **I accept the license agreement**
 - **I do not accept the license agreement**
 - a. If you accepted the agreement click **Next >** to continue with the installation. The **Destination Folder** screen appears.
 - b. If you did not accept the agreement click **Cancel** to exit the installation. A confirmation dialog appears. Click **Exit Setup** to exit.
5. Confirm the destination folder for the installation, click **Next >** to continue. The directory is detected based upon your BusinessObjects Enterprise XIR2 installation.
6. Select the features you want to install:
 - Polestar Servers

This feature includes the necessary servers (Master, Indexing, Search, and Exploration), third-party components , and the BusinessObjects Java SDK.

Note: Choose the servers you want to install. It is possible to install the servers on different machines. For example, you can have dedicated machines for indexing, exploration, and search. Only one Master Server can be used per Business Objects cluster. If you install several Polestar Master Servers, the additional servers cannot be enabled or started within the CCM (Central Configuration Manager).
 - Web Application Server Components

This feature is not required.

- CMS Add-On

Note: This feature is disabled when the CMS is not detected.

7. Enter the CMS logon credentials of the Business Objects installation you want to connect to:

- CMS Name
- Port number
- User Name
- Password
- Authentication:

Enterprise, LDAP, Windows AD, or Windows NT.

8. Click **Next >** to continue.

If your credentials are not accepted, a dialog appears indicating the problem, and you can try again.

If your credentials are accepted, you are prompted to install Polestar.

9. Click **Next >** to begin installation of Polestar.

When finished, a message is displayed indicating installation was successful.

The Polestar servers you have installed connect to the separate CMS.

The machine where you deployed Polestar has better performance (due to resources being free) than a similar machine with BusinessObjects Enterprise and Polestar installed.

If you want to install another Polestar server on another separate machine, repeat these steps.

3 | Polestar deployment *Deploying Polestar in a complex environment*



Polestar administration



4

chapter

This chapter will discuss how to administrate Polestar, it includes information on:

- [Managing Polestar web application settings](#) on page 22
- [Configuring Polestar settings](#) on page 24
- [Starting and stopping Polestar servers](#) on page 29
- [Configuring the BusinessObjects Enterprise CMC for users](#) on page 29
- [Logs in Polestar](#) on page 31

Managing Polestar web application settings

You can adjust various application settings via a single properties file:

```
default.settings.properties
```

The file is stored under the Polestar Tomcat directory, for example:

```
C:\Program Files\Business  
Objects\Tomcat\webapps\polestar\WEB-INF\classes\
```

The various settings are:

Setting	Description	Example	Default Values
<code>product.name</code>	For internal use only.		
<code>default.locale</code>	The default locale to use. For example, English.	<code>en</code>	
<code>default.cms.name</code>	The name and port number of your CMS.	<code>myserver:6400</code>	
<code>show.cms.name</code>	Determines if the value stored in <code>default.cms.name</code> is displayed in the CMS Name field of the Log On page.		<code>true</code> <code>false</code>

Setting	Description	Example	Default Values
<code>disable.cms.name</code>	Disables the CMS name textbox within the Log On page. You cannot change the textbox value.		true false
<code>default.authentication.method</code>	The default log on authentication to use. The value is displayed in the Authentication list of the Log On page.	<code>secEnterprise</code>	
<code>authentications</code>	The values that populate the Authentication list.	<code>sec Enterprise,</code> <code>secWindowsNT,</code> <code>secLDAP</code>	
<code>hide.authentication.method</code>	Determines if the Authentication list is displayed in the Log On page.		true false
<code>disable.authentication.method</code>	Disables the Authentication list within the Log On page. You cannot change the value.		true false
<code>use.effects</code>	Determines if graphical effects are to be used. For example, after clicking Log On the Log On box has a graphical effect applied to it.		true false
<code>request.timeout</code>	The period of time in seconds before Polestar times out after an operation, such as logging into the system.	30 100	
<code>help.url</code>	The root location for the Polestar documentation.		<code>/polestar_help_</code>
<code>tutorial.url</code>	The root location for the Polestar tutorial.		<code>/polestar_tutorial</code>

Setting	Description	Example	Default Values
<code>disable.password.encryption</code>	Determines if password encryption is to be used.		true false

Configuring Polestar settings

Polestar settings are configured (in order of priority) via:

- the command line in the CCM (for a single server on a single node)
- a properties file (for all servers on a single node)
- the CMC (for all nodes within your deployment cluster)

For example, if you configure the settings via a properties file on a node, the CCM settings are ignored for that node.

The following settings are configurable:

- The indexing path. It is defaulted to `C:/Index`.
- The number of Corba threads to improve server communication.
- The unit to use for validating bookmarks, possible values include: `DAYS`, `MINUTES`, `HOURS`, or `WEEKS`.
- The period of time (based on the unit) that a bookmark is stored. For example `365`.
- The period of time (in milliseconds) before a session object (handled by an underlying watchdog) is deleted.
- The delay (in milliseconds) between each update of when slave servers inform the master server about their workload in order that the load is balanced.

Configuring the Polestar index path

To change the indexing path, an administrator can either:

- Amend the value within the CMC administration page. In this case, the value is taken into account by all slave nodes.

1. Logon to the CMC.
 2. Navigate to **BusinessObjects Enterprise Applications > Properties**.
 3. Change the **Default index folder location:** value and click **Update**.
 4. Copy any existing indexes to the new location before changing the path. The indexes are stored within folder directories, ensure that you copy the entire directories.
 5. Restart the servers.
- Change a setting for a single node. Create or edit a properties file named `polestar.service.properties` located under `C:\Program Files\Business Objects\Polestar11.5\`, and add this entry: `index.path=C:/Index`.

Amend the value accordingly and restart the servers.

- Add the following to the command line to configure a single server:

```
#-index.path#C:/Index
```

For example:

```
"\\polestar_node\C$\Program Files\Business Objects\Polestar11.5\poleMast.exe" //RS//BOBJPolestarMasterService --StartParams="-ns#polestar-test#-loggingPath#C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging#-trace#false#-servers#polestarMaster#-index.path#C:/Index" --JvmMx="1024"
```

Note: If you copy existing indexes, the Polestar Indexing Server has to be stopped.

Configuring the number of Polestar Corba threads

To change the number of Corba threads, an administrator can either:

- Amend the value within the CMC administration page. In this case, the value is taken into account by all slave nodes.
 1. Logon to the CMC.
 2. Navigate to **BusinessObjects Enterprise Applications > Properties**.
 3. Change the **Number of threads:** value and click **Update**.

- Change a setting for a single node. Create or edit a properties file named `polestar.service.properties` located under `C:\Program Files\Business Objects\Polestar11.5\`, and add this entry:
`nb_threads=150.`

Amend the value accordingly and restart the servers.

- Add the following to the command line to configure a single server:

```
#-nb_threads#150
```

For example:

```
"\\polestar_node\C$\Program Files\Business Objects\Polestar11.5\poleMast.exe" //RS//BOBJPolestarMasterService --StartParams="-ns#polestar-test#-loggingPath#C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging#-trace#false#-servers#polestarMaster#-nb_threads#150"--JvmMx="1024"
```

Configuring the Polestar bookmark validity period

To change the bookmark validation period, an administrator can either:

- Amend the value within the CMC administration page. In this case, the value is taken into account by all slave nodes.
 1. Logon to the CMC.
 2. Navigate to **BusinessObjects Enterprise Applications > Properties**.
 3. Change the **Bookmark validity**: values and click **Update**.
- Change a setting for a single node. Create or edit a properties file named `polestar.service.properties` located under `C:\Program Files\Business Objects\Polestar11.5\`, and add the following entries:

```
bookmark.validity.time=365
```

```
bookmark.validity.unit=DAYS
```

Amend the values accordingly and restart the servers.

- Add the following to the command line to configure a single server:

```
#-bookmark.validity.time#365#-bookmark.validity.unit#DAYS
```

For example:

```
"\polestar_node\C$\Program Files\Business Objects\Polestar11.5\poleMast.exe" //RS//BOBJPolestarMasterService --StartParams="-ns#polestar-test#-loggingPath#C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging#-trace#false#-servers#polestarMaster#-bookmark.validity.time#365#-bookmark.validity.unit#DAYS" --JvmMx="1024"
```

Configuring the session timeout period

The Polestar Master Server ensures that useless resources are released efficiently. The session object is deleted when the associated peer stops operating or when the underlying network is lost. A watchdog service observes all network activity.

The `watchdog.timeout` parameter specifies the duration of time (in milliseconds) a live session is considered active even if the watchdog detected no activity.

To change the session timeout period, an administrator can either:

- Change a setting for a single node. Create or edit a properties file named `polestar.service.properties` located under `C:\Program Files\Business Objects\Polestar11.5\`, and add this entry: `watchdog.timeout=30`.

Amend the value accordingly and restart the servers.

- Add the following to the command line to configure a single server:

```
#-watchdog.timeout#30
```

For example:

```
"\polestar_node\C$\Program Files\Business Objects\Polestar11.5\poleMast.exe" //RS//BOBJPolestarMasterService --StartParams="-ns#polestar-test#-loggingPath#C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging#-trace#false#-servers#polestarMaster#-watchdog.timeout#30" --JvmMx="1024"
```

Note: The default value of `watchdog.timeout` is 300 000 milliseconds (5 minutes). Altering the setting (especially if the specified value is too low) can have an impact on stability and even delete a valid session. This value must be smaller than the value of `workload.update.delay`.

Configuring the workload update setting for load balancing

The workload is balanced by ensuring that servers with the least load have a higher job priority. Slave servers (within a cluster) ensure that the Polestar Master Server is periodically updated with their workload costs.

The `workload.update.delay` parameter specifies the duration of time (in milliseconds) between updates to the Polestar Master Server.

To change the workload update delay period, an administrator can either:

- Change a setting for a single node. Create or edit a properties file named `polestar.service.properties` located under `C:\Program Files\Business Objects\Polestar11.5\`, and add this entry: `workload.update.delay=30`.

Amend the value accordingly and restart the servers.

- Add the following to the command line to configure a single server:

```
#-workload.update.delay#30
```

For example:

```
"\\polestar_node\C$\Program Files\Business Objects\Polestar11.5\poleMast.exe" //RS//BOBJPolestarMasterService --StartParams="-ns#polestar-test#-loggingPath#C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging#-trace#false#-servers#polestarMaster#-workload.update.delay#30" --JvmMx="1024"
```

Note: The default value of `workload.update.delay` is 15 000 milliseconds. Altering the setting (especially if the specified value is too low) can have an impact on network traffic and performance. The value must be significantly smaller than the value of `watchdog.timeout`.

Starting and stopping Polestar servers

The Polestar servers (Polestar Master Server, Polestar Exploration Server, Polestar Indexing Server, and Polestar Search Server) can be started or stopped within the CCM (Central Configuration Manager):

1. Launch the CCM by selecting it from your BusinessObjects XI Release 2 Windows Start group.
2. Click the servers you want to start or stop.
3. Click one of the following:
 - **Start** - if you want to start the server.
 - **Stop** - if you want to stop the server.

Note: You can restart the servers by clicking **Restart**.

Configuring the BusinessObjects Enterprise CMC for users

In Polestar, there are three user profiles: Space explorer, Space creator, and Administrator. To understand these profiles, see the *BusinessObjects Polestar Online Help*.

A Polestar user profile is configured within the CMC (Central Management Console) of your BusinessObjects Enterprise installation. This configuration is accomplished by changing various user rights, for example, Web Intelligence application settings.

Note: When configuring users, ensure that they have the correct Access Levels to Universes and Universe Connections. For example, within the CMC apply one of the following access levels: **No Access**, **View**, **Schedule**, **View On Demand**, **Full Control**, or **Advanced....** The access levels state the rights they have for Universes and Universe Connections. For instance, having an access level of **No Access** for a Universe Connection prevents the user to index any Information Spaces based upon the Universe.

For detailed information on users and their rights, and the configuration of users, refer to the *BusinessObjects Enterprise Administrator's Guide*.

Configuring a Space explorer profile

To configure a Space explorer profile within the BusinessObjects Enterprise CMC:

1. Navigate to: **Home > BusinessObjects Enterprise Applications > InfoView > Rights**
2. Click **Advanced** located beside the user or user group that you want to configure.

Note: You can add a user with **Add/Remove...**

3. Ensure that the **Log on to InfoView and view this object in the CMC** option is selected.

The user or users within the user group you have configured have a Space explorer profile.

Configuring an Administrator profile

To configure an Administrator profile within the BusinessObjects Enterprise CMC:

1. Ensure that the user (or user group) has the Space explorer profile configured.
2. Navigate to: **Home > BusinessObjects Enterprise Applications > Central Management Console > Rights**
3. Click **Advanced** located beside the user or user group that you want to configure.

Note: You can add a user with **Add/Remove...**

4. Ensure that the **Log on to the CMC and view this object in the CMC** option is selected.

The user or users within the user group you have configured have an Administrator profile.

Note: As an Administrator, you install and configure Polestar.

Related Topics

- [Configuring a Space explorer profile](#) on page 30

Configuring a Space creator profile

To configure a Space creator profile within the BusinessObjects Enterprise CMC:

1. Ensure that the user (or user group) has the Administrator profile configured.
2. Navigate to: **Home > BusinessObjects Enterprise Applications > Web Intelligence > Rights**
3. Click **Advanced** located beside the user or user group that you want to configure.

Note: You can add a user with **Add/Remove....**

4. Ensure that the **Create document** option is selected.

The user or users within the user group you have configured have a Space creator profile.

Related Topics

- [Configuring an Administrator profile](#) on page 30

Logs in Polestar

There are two Polestar logging methods, each tracking different operations:

1. Server logging.

You can trace the activity of Polestar servers. Logging is appended to a file where its name is automatically generated at creation time. For **example**: C:\Program Files\Business Objects\BusinessObjects Enterprise 11.5\Logging\PolestarServer_polestarSearch_XXXXXXXX_XXXXX.log

This file logs the server operations by using log4j. By default, `ERROR` tracing is activated.

2. Web application logging.

By using Apache Tomcat logging services, you can log the Polestar application operations. Via the Tomcat configuration, you can also change the logging level and change the logging path. By default, log files are stored in the Tomcat `logs` directory:

```
C:\Program Files\Business Objects\Tomcat\logs\
```

You can also view logs by running Tomcat via a command line such as Command Prompt.

For detailed information on Tomcat logging, see:

<http://tomcat.apache.org/tomcat-6/0-doc/logging.html>

Related Topics

- [Server logging in Polestar](#) on page 32
- [Web application logging in Polestar](#) on page 33

Server logging in Polestar

By default, server logging within Polestar is activated, it is configured to log only errors. To activate other trace levels for server logging:

1. Open the Central Configuration Manager and locate the server you want to apply logging to.
Ensure that the server has been stopped.
2. Right-click the server and click **Properties**.
The **Server Properties** dialog appears.
3. Locate the **Command:** textbox.
4. Locate the `--StartParams` variable.
5. After the value: `-ns#CMSHost#`, type the following:

```
-loggingPath#C:\Program Files\Business Objects\BusinessOb  
jects Enterprise 11.5\Logging#-trace#true
```

Note: The `loggingPath` value is the location to place the output log file and the `trace` value activates logging. By default, if the `trace` value is `false`, only errors are logged.

The variable resembles the following:

```
--StartParams="-ns#CMSHost#-loggingPath#C:\Program  
Files\Business Objects\BusinessObjects Enterprise 11.5\Log  
ging#-trace#true#-servers#polestarIndexing"
```

6. Click **OK** to save your changes.
7. Restart the server.

Logs and traces are applied to a log file in the following directory:

```
C:\Program Files\Business Objects\BusinessObjects Enterprise  
11.5\Logging\
```

The name of the file is generated on creation and is based on the name of the server and when the server was started. For example:

```
Server_XXXXXXXX_XXXXXX.log
```

Web application logging in Polestar

To activate and amend the log4j logging:

1. Open the log4j.properties file, located at:
C:\Program Files\Business
Objects\Tomcat\webapps\polestar\WEB-INF\classes\
log4j.properties
2. Edit the logging levels you want use (such as `ERROR`) for Polestar within the file by following the guidelines located at:
<http://logging.apache.org/log4j/>
3. Save your changes and close the file.

Logs and traces are applied to the following log file:

```
C:\Program Files\Business Objects\Tomcat\logs\stdout.log
```




Get More Help





appendix

Online documentation library

Business Objects offers a full documentation set covering all products and their deployment. The online documentation library has the most up-to-date version of the Business Objects product documentation. You can browse the library contents, do full-text searches, read guides on line, and download PDF versions. The library is updated regularly with new content as it becomes available.

http://support.businessobjects.com/documentation/product_guides/

Additional developer resources

<http://devlibrary.businessobjects.com>

Online customer support

The Business Objects Customer Support web site contains information about Customer Support programs and services. It also has links to a wide range of technical information including knowledgebase articles, downloads, and support forums.

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

Looking for the best deployment solution for your company?

Business Objects consultants can accompany you from the initial analysis stage to the delivery of your deployment project. Expertise is available in relational and multidimensional databases, in connectivities, database design tools, customized embedding technology, and more.

For more information, contact your local sales office, or contact us at:

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

Looking for training options?

From traditional classroom learning to targeted e-learning seminars, we can offer a training package to suit your learning needs and preferred learning style. Find more information on the Business Objects Education web site:

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

Send us your feedback

Do you have a suggestion on how we can improve our documentation? Is there something you particularly like or have found useful? Drop us a line, and we will do our best to ensure that your suggestion is included in the next release of our documentation:

<mailto:documentation@businessobjects.com>

Note: If your issue concerns a Business Objects product and not the documentation, please contact our Customer Support experts. For information about Customer Support visit: <http://www.businessobjects.com/support/>.

Business Objects product information

For information about the full range of Business Objects products, visit: <http://www.businessobjects.com>.

Index

C

- CCM
 - servers 29
- CMC
 - Administrator 30
 - configuring users 29
 - servers 10
 - Space creator 31
 - Space explorer 30
- configuration
 - bookmark validation 24, 26
 - indexing path 24
 - server communication 24, 25
 - session timeout period
 - watchdog.timeout 27
 - watchdog timeout
 - peer session 24
 - web application settings 22
 - workload 28
 - workload update delay
 - load balancing 24
- Corba 25

D

- default.settings.properties 22
- deployment 10
 - complex 17

E

- Exploration Server 10

H

- Home tab
 - welcome page 14

I

- Indexing Server 10

L

- load balancing 28
- logging off 14
- logging on
 - authentication
 - Enterprise 14
 - LDAP 14
 - Windows AD 14
 - Windows NT 14
 - log on credentials 14
 - Log On page 14
 - server URL 14
- logs
 - log4j 32, 33
 - server logging 31
 - servers 32
 - web application 33
 - web application logging 31

M

- Master Server 10

Index

P

- Polestar
 - administration 22
 - installation 12
 - overview 8
 - uninstalling 15

S

- Search Server 10
- starting servers
 - Exploration Server 29

- starting servers (*continued*)

- Indexing Server 29
- Master Server 29
- Search Server 29

- stopping servers

- Exploration Server 29
- Indexing Server 29
- Master Server 29
- Search Server 29

- system requirements

- hardware requirements 11
- language requirements 11
- software requirements 11