



## What's New in SAP BusinessObjects XI 3.1 Service Pack 4

- SAP BusinessObjects XI 3.1 Service Pack 4

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# Welcome to SAP BusinessObjects XI 3.1 Service Pack 4

## **SAP BusinessObjects Enterprise XI 3.1 Service Pack 4**

This document provides an overview of the new features and enhancements available in SAP BusinessObjects XI 3.1 Service Pack 4 and directs you to the available product documentation to get you started using the new features.

For the list of support platforms and databases and application servers, refer to the PAR document for this release. It is available on the BusinessObjects Support section of the SAP Service Marketplace: <https://websmp108.sap-ag.de/bosap-supportedplatforms>

For more information about this release, refer to *SAP BusinessObjects XI 3.1 and Crystal Reports 2008 Service Pack 4 Known Issues and Limitations* and *SAP BusinessObjects XI 3.1 Service Pack 4 Fixed Issues*. These are available on the SAP Service Marketplace at: <http://service.sap.com/releasenotes>. Navigate to the BusinessObjects -> SAP BusinessObjects Business Intelligence (BI) section.

## **SAP BusinessObjects XI**

SAP BusinessObjects Enterprise XI is the business intelligence platform that supports the entire range of performance management, reporting, querying, and analysis applications. It also provides industry-standard, proven architecture and platform support for semantic layers, data integration, and security. SAP BusinessObjects Enterprise XI provides full web-based administration and configuration of the entire system.

SAP BusinessObjects Enterprise XI 3.1 Service Packs:

- Extends the robust information infrastructure provided by earlier releases and integrates seamlessly with existing product line
- Supports all deployment models and lets you fine-tune administration and configuration of the entire system
- Brings together features from across the SAP Business Objects product line to meet your evolving reporting needs, from using Web Intelligence anywhere to improving Crystal Reports interactivity and personalization
- Delivers innovation to drive user productivity and self-service reporting
- Delivers more reporting with fewer reports
- Includes a variety of major enhancements spread across our data access methods, administration capabilities, and report design options
- Simplifies business monitoring with dashboard functionality and improved user experience
- Delivers the strongest self-service query and analysis solution for SAP customers

To learn about new features of previous releases, visit our support websites below.

## **Related Topics**

- [SAP Service Marketplace](#)



# Installation and Deployment Information

## **Provided with this release**

SAP BusinessObjects Enterprise XI 3.1 SP4 is delivered as a patch installation. The operating systems for which only full build support is available are specified below.

## **Installer**

This release uses Microsoft Installer for the install process for Windows operating systems.

## **Supported operating systems**

Full build support is provided for the following operating systems:

- AIX 7.1
- SUSE Linux Enterprise Server 11

### **Note:**

Only full build support is available for the systems mentioned above - no patch installation is available.

## **Browser support**

SAP Business Objects applications that are viewed in a browser support Microsoft Internet Explorer 8 in Compatibility mode only. Browsers running in Explorer 8 Standard mode are automatically switched to Compatibility mode when applications such as InfoView or the CMC are launched. Upon exiting the application, a browser reverts automatically to Internet Explorer 8 Standard mode. No user intervention is required to switch from one mode to another.

## **Additional language support**

The following additional languages are now supported:

- Slovene



## New Features in Existing Products

### 3.1 Web Intelligence

#### 3.1.1 Publishing and Importing a Web Intelligence report to BI OnDemand

You can publish and import a Web Intelligence report to BI OnDemand. Once you have published the report, you can search, explore, visualize, and share the report using the many industry-standard BI tools offered within BI OnDemand.

You can publish an existing or a newly created report. Ensure that you have a valid BI OnDemand user name and password. The publishing and importing of a Web Intelligence report to or from BI OnDemand is controlled by the following rights:

<b>Rights</b>	<b>Description</b>	<b>Default State</b>
Disable Export to BI OnDemand for this user	This allows you to publish a Web Intelligence report to BI OnDemand.	Enabled
Disable import from BI OnDemand for this user	This allows you to import a Web Intelligence report from BI OnDemand.	Enabled

These rights apply only to Web Intelligence Rich Client and affect the viewer in these applications.

#### 3.1.2 Saving a Web Intelligence report as a Text file

You can now save a Web Intelligence report as a text file. Refer to the Web Intelligence user documentation for more details on how to perform this.

### 3.1.3 Building a time axis from a date type universe object

The *TimeDim* function allows you to build a full time axis (dimension) on top of a date type universe object. This function returns the first day (date type) of each period within the timeframe given by the date object as the first parameter and the period (day, month, quarter, year) given as the second parameter. *TimeDim* complements any missing period within the given timeframe.

### 3.1.4 New web service runtime parameter available

A new web service runtime parameter, *closeDocument*, is now available. The default value of this parameter is false. When the value is set to true, this parameter forces the source document to be closed, once the web service has responded with the requested content. A subsequent request from the same session for this document, will re-open the document.

This parameter helps in optimizing memory consumption on the server, as consumers can directly control how long documents are actually cached, instead of waiting for the Web Intelligence idle document timeout value to be passed.

## 3.2 BusinessObjects Enterprise

### 3.2.1 What's New in BusinessObjects Enterprise

#### **Security enhancement**

This release includes the following security enhancement:

To prevent impersonation, BusinessObjects Enterprise now enables administrators to disable sensitive fields in all emails sent for scheduled reports. Specifically the "From" field can now be disabled using settings specified in the CMC.

#### **Cookie-based session affinity**

BusinessObjects Enterprise Web Services now support cookie-based session affinity for load balancing environments.

### **Thread-dump support**

This release includes enhanced supportability features. Thread dumps from SAP BusinessObjects deployments can now be retrieved for debugging purposes.

## **3.3 Lifecycle Management**

### **3.3.1 Command Line Input Option**

#### **Command Line Input Option**

The Command Line option of the Lifecycle Management Console enables you to promote objects through command line input from one SAP BusinessObjects Enterprise system to another SAP BusinessObjects Enterprise system.

### **3.3.2 Option to Access Subversion Repository using HTTP Protocol**

The Lifecycle Management Console provides the option to access the Subversion Repository using HTTP protocol in addition to the SVN protocol. This option can be set from the Version Management Settings.

## **3.4 Xcelsius**

### **3.4.1 What's New in Xcelsius 2008**

#### **Waterfall chart component**

A new chart is available, that displays how an initial value is affected by a series of sequential positive or negative values.

The Waterfall chart can be used, for example, to display the inventory level of goods that your retail business sells. Purchases of additional inventory are represented by positive values, and sales from inventory are represented by negative values. The columns are color-coded to distinguish between positive and negative values.

#### **Additional alert support**

In addition to the existing alert support, alerts are now supported for spreadsheet tables, and for combination charts that contain multiple data series.

## **3.5 Voyager**

### **3.5.1 What's New in Voyager**

#### **Support for Essbase 11**

Voyager now supports Essbase 11.

For Windows, this support is provided via the Essbase 11 32-bit client.

For Linux and UNIX, the Essbase 11 client is 64-bit only, so support is provided via the Essbase 9 32-bit client.

Essbase 11 support does not add any new features to Voyager.

## **3.6 Crystal Reports**

### **3.6.1 New features in Crystal Reports 2008**

#### **XML and webservice: replacing connections for both parent and child tables**

The set location behavior of xml and webservice drivers has been changed so that you will no longer need to manually map tables one by one.

When table A is mapped to table B in connection C, all the child tables of table A will be mapped automatically to connection C under table B.

### **XML and webservice: providing proxy support**

Proxy support for XML and webservice drivers is now provided when you set the following information in your crconfig.xml file:

```
<XML>
    <UseProxy>FALSE</UseProxy>
    <ProxyAddress>
</ProxyAddress>
    <ProxyPort>
</ProxyPort>
</XML>
```

### **Salesforce API has been upgraded**

The Salesforce webservice API has been upgraded to version 20.

## **3.7 Integration for SAP Solutions**

### **3.7.1 What's New in Integration for SAP Solutions**

#### **SAP BW reports opened in Crystal Reports 2008 now saved with SAP style prompting**

An SAP BW report that has been opened in Crystal Reports 2008 and saved directly from the Crystal Reports 2008 designer to BusinessObjects Enterprise now correctly uses the SAP style prompting feature.

#### **SAP style prompting in Crystal Reports 2008: using compound variables**

Compound variables in Crystal Reports 2008 are now compatible with compound variables in BEx Explorer.

#### **Support for SAP iViews on Enterprise Portal 7.3**

New method for deploying SAP iViews on Enterprise Portal 7.3 is Documented in the *SAP BusinessObjects Enterprise Integration for SAP Solutions Installation and Administration Guide* provided with this release.



## **Deprecated Products**

### **4.1 End of Life of BusinessObjects Performance Manager and BusinessObjects Predictive Analysis**

Business Objects announced the planned End of Life of BusinessObjects Performance Manager and BusinessObjects Predictive Analysis in 2008, and that Patch support for these products ends in March 2011. Therefore no further enhancements will be considered for these products and no further errors will be corrected in future fix packs and service packs. However, technical support will continue to be available for these products through the normal channels until March 2012.



## **Documentation available with SAP BusinessObjects XI 3.1 Service Pack 4**

### **5.1 Available Documentation**

In the documentation set, the following guides contain new information, new features, or corrections:

- *What's New in SAP BusinessObjects XI3.1 Service Pack 4*
- *SAP BusinessObjects XI 3.1 Service Pack 4 Release Notes*
- *SAP BusinessObjects Integration Option for Microsoft SharePoint Administrator Guide*
- *SAP BusinessObjects Integration Option for Microsoft SharePoint Getting Started Guide*
- *Integration Option for Microsoft SharePoint software Installation Guide*
- *Lifecycle Management for SAP BusinessObjects User Guide*
- *SAP BusinessObjects Mobile Installation and Deployment Guide*
- *Using SAP BusinessObjects Mobile*
- *Web Application Deployment Guide for UNIX*
- *Web Application Deployment Guide for Windows*
- *Using Functions, Formulas and Calculations in SAP BusinessObjects Web Intelligence*
- *Building reports with the SAP BusinessObjects Web Intelligence HTML Report Panel*
- *Building reports with the SAP BusinessObjects Web Intelligence Java Report Panel*
- *Performing On-Report Analysis with SAP BusinessObjects Web Intelligence*
- *Building Queries with SAP BusinessObjects Web Intelligence Query - HTML*
- *Building Reports with SAP BusinessObjects Web Intelligence Rich Client*
- *SAP BusinessObjects Enterprise Integration for SAP Solutions Installation and Administration Guide*
- *SAP BusinessObjects Xcelsius 2008 User Guide*
- *SAP BusinessObjects Xcelsius 2008 Installation Guide*



## More Information

Information Resource	Location
SAP BusinessObjects product information	<a href="http://www.sap.com">http://www.sap.com</a>
SAP Help Portal	<p>Navigate to <a href="http://help.sap.com/businessobjects">http://help.sap.com/businessobjects</a> and on the "SAP BusinessObjects Overview" side panel click <b>All Products</b>.</p> <p>You can access the most up-to-date documentation covering all SAP BusinessObjects products and their deployment at the SAP Help Portal. You can download PDF versions or installable HTML libraries.</p> <p>Certain guides are stored on the SAP Service Marketplace and are not available from the SAP Help Portal. These guides are listed on the Help Portal accompanied by a link to the SAP Service Marketplace. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.</p>
SAP Service Marketplace	<p><a href="http://service.sap.com/bosap-support">http://service.sap.com/bosap-support</a> &gt; Documentation</p> <ul style="list-style-type: none"> <li>• Installation guides: <a href="https://service.sap.com/bosap-instguides">https://service.sap.com/bosap-instguides</a></li> <li>• Release notes: <a href="http://service.sap.com/releasenotes">http://service.sap.com/releasenotes</a></li> </ul> <p>The SAP Service Marketplace stores certain installation guides, upgrade and migration guides, deployment guides, release notes and Supported Platforms documents. Customers with a maintenance agreement have an authorized user ID to access this site. Contact your customer support representative to obtain an ID. If you are redirected to the SAP Service Marketplace from the SAP Help Portal, use the menu in the navigation pane on the left to locate the category containing the documentation you want to access.</p>
Docupedia	<p><a href="https://cw.sdn.sap.com/cw/community/docupedia">https://cw.sdn.sap.com/cw/community/docupedia</a></p> <p>Docupedia provides additional documentation resources, a collaborative authoring environment, and an interactive feedback channel.</p>
Developer resources	<p><a href="https://bos.sdn.sap.com/">https://bos.sdn.sap.com/</a></p> <p><a href="https://www.sdn.sap.com/irj/sdn/businessobjects-sdklibrary">https://www.sdn.sap.com/irj/sdn/businessobjects-sdklibrary</a></p>

Information Resource	Location
SAP BusinessObjects articles on the SAP Community Network	<a href="https://www.sdn.sap.com/irj/boc/businessobjects-articles">https://www.sdn.sap.com/irj/boc/businessobjects-articles</a> These articles were formerly known as technical papers.
Notes	<a href="https://service.sap.com/notes">https://service.sap.com/notes</a> These notes were formerly known as Knowledge Base articles.
Forums on the SAP Community Network	<a href="https://www.sdn.sap.com/irj/scn/forums">https://www.sdn.sap.com/irj/scn/forums</a>
Training	<a href="http://www.sap.com/services/education">http://www.sap.com/services/education</a> From traditional classroom learning to targeted e-learning seminars, we can offer a training package to suit your learning needs and preferred learning style.
Online customer support	<a href="http://service.sap.com/bosap-support">http://service.sap.com/bosap-support</a> The SAP Support Portal contains information about Customer Support programs and services. It also has links to a wide range of technical information and downloads. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.
Consulting	<a href="http://www.sap.com/services/bysubject/businessobjectsconsulting">http://www.sap.com/services/bysubject/businessobjectsconsulting</a> Consultants can accompany you from the initial analysis stage to the delivery of your deployment project. Expertise is available in topics such as relational and multidimensional databases, connectivity, database design tools, and customized embedding technology.