

HP Executive Scorecard

For the Windows® operating system

Software Version: 9.30

Installation and Configuration Guide

Document Release Date: May 2012

Software Release Date: May 2012



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Plan the Installation

Before you begin your deployment of Executive Scorecard, you should:

- Understand the components of the application. For more information, see "HP IT Executive Scorecard Components" on page 8
- Decide which type of Executive Scorecard licensing you are implementing, and if necessary purchase the relevant license key file. For more information, see "HP Licensing" on page 9.
- Decide whether your deployment will be distributed or single server.

For more information, see "Distributed or Single Server Environment" on page 11.

- Decide if you want to work with an external or an internal SAP Business Objects Enterprise.

For more information, see "Distributed or Single Server Environment" on page 11.

- Ensure that your hardware and software meet the system requirements.

The environments supported by Executive Scorecard are described in the Support Matrix document available from the [Support Site \(http://h20230.www2.hp.com/selfsolve/manuals\)](http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).

- Ensure that you have reviewed the Installation checklists section. The section provides database naming and password limitations that could cause the installation to fail.

HP IT Executive Scorecard Components

Executive Scorecard includes the following components that can be installed in a distributed or single server environment:

- **SAP BusinessObjects Enterprise for IT Executive Scorecard** - a solution that provides reporting, analysis and information delivery via web applications.

This is a required component in an Executive Scorecard deployment. An existing installation of SAP BusinessObjects Enterprise for IT Executive Scorecard with SP3, can be used. It can be an external component or an internal component.

- **Data Warehouse** - a repository for key business data that is cleansed, consolidated, and organized to support efficient queries, reports, and to populate a variety of business analytics. The contents of the Data Warehouse depend on the external HP applications that generate business data. For example, the data may originate from external applications such as HP Asset Manager or HP Project and Portfolio Management.

During the installation of Data Warehouse, SAP BusinessObjects Data Services for IT Executive Scorecard, the access mechanism that performs physical data extraction from the source repositories to the target database, is also installed on the Data Warehouse server.

- **Executive Scorecard Application** - provides means to define IT goals and objectives, to measure performance, and provides actionable insights into performance improvement plans. It includes the Dashboard, Studio, Explorer, and Finance modules.
- **Common components** - foundations on which the Executive Scorecard deployment is built. Common components are automatically installed on servers when you install the SAP BusinessObjects Enterprise, Data Warehouse, or Executive Scorecard components.

Other critical external components include:

- **A Relational Database Management System (RDBMS) Server** - A Microsoft SQL Server 2008 Enterprise Edition with SP 2 server that hosts the various SAP BusinessObjects Enterprise for IT Executive Scorecard, Data Warehouse, and Executive Scorecard databases.
- **Source Application Servers** - Source data originates in external application repositories. Data Warehouse consolidates the data from one or more of these external application repositories, and makes it available for analysis by Executive Scorecard.

HP Licensing

The HP License Key Delivery Service web site (webware.hp.com) manages HP software licensing for the Executive Scorecard application. You can view or download the latest version of the ESD and Webware License Management Guide from this site. The guide describes the current process to obtain your entitlement certificate, which contains the HP order number that you need to generate your permanent license keys.

Follow the steps in the ESD and Webware License Management Guide to present your HP order number, select the products that need licenses, and provide other required information.

If you are a first time visitor to the web site, you will be asked to create an account with an email address and password. Most requests to generate permanent license keys require the following:

- Executive Scorecard product name and number shown on the product receipt or in the email sent by HP to acknowledge the order.
- The order number from the entitlement certificate.
- A target server name and IP address.
- Contact information, such as company name, your name, fax and phone numbers, and license ownership details.

If necessary, you can return to the HP License Key Delivery Service web site and retrieve the permanent or temporary license keys again by selecting Manage Licenses on the web site home page and logging into your account.

If you have an existing SAP BusinessObjects Enterprise for IT Executive Scorecard installation, you can use that instance. If you purchase SAP BusinessObjects Enterprise for IT Executive Scorecard with the HP Executive Scorecard, the purchase includes the required licenses.

Other applications that generate or use data, require separate licenses.

Permanent License Keys

After you create your user account on the HP License Key Delivery Service web site, generate the entitlement certificate, and generate the license keys, the License Key Delivery Service sends permanent keys to you in an email text file attachment. You load permanent license key files during the post-installation configuration. When a permanent Executive Scorecard license covering the components you are installing is loaded, details of the license are recorded to the Management database and there is no further requirement for loading the license when installing each component.

Temporary Licence Keys

After you create your user account on the HP License Key Delivery Service web site, generate the entitlement certificate, and generate the license keys, the License Key Delivery Service sends temporary keys to you in an email text file attachment. You load temporary license key files during the post-installation configuration. When a temporary Executive Scorecard license covering the components you are installing is loaded, details of the license are recorded to the Management

database and there is no further requirement for loading the license when installing each component. However when the temporary license expires, you will need to return to the HP License Key Delivery Service web site, retrieve another temporary or permanent license key, and then reload it in the post-install configuration.

Distributed or Single Server Environment

An Executive Scorecard deployment is made up of various components, such as SAP BusinessObjects Enterprise for IT Executive Scorecard, Data Warehouse, and Executive Scorecard.

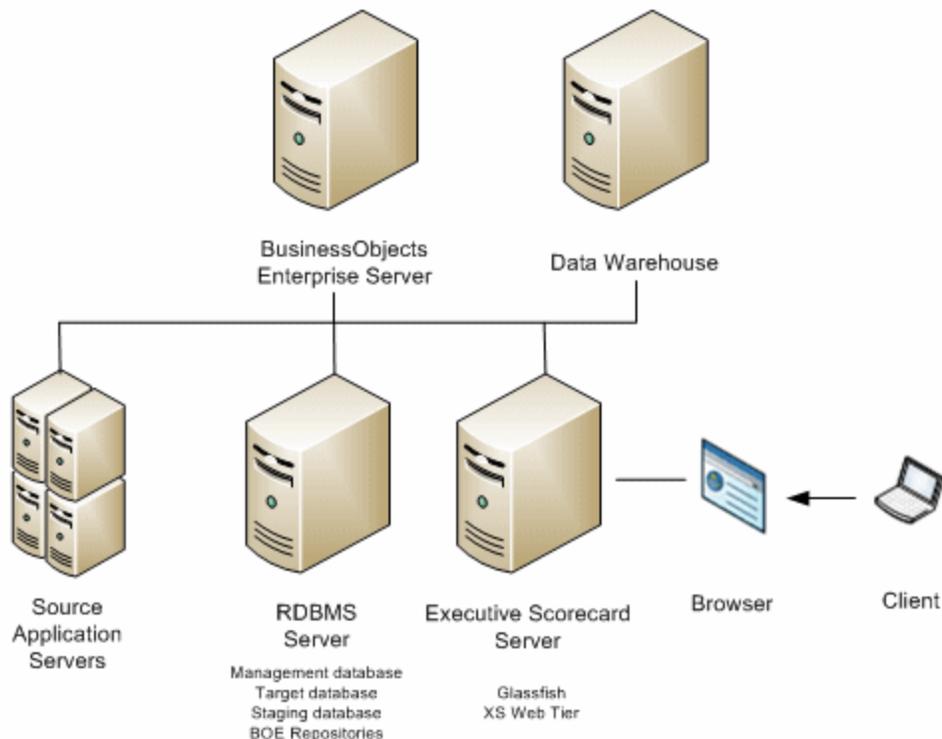
You can deploy the components as follows:

Distributed server environment - The SAP BusinessObjects Enterprise for IT Executive Scorecard, Data Warehouse, and Executive Scorecard components are each installed on different servers. This type of configuration is useful in production environments.

SAP BusinessObjects Enterprise for IT Executive Scorecard is installed on its own server and must be installed using the SAP installer before installing any of the other components with the Executive Scorecard installer.

You must have an RDBMS installation of Microsoft SQL Server 2008 Enterprise Edition with SP 2 before you begin the Executive Scorecard installation and configuration process. The data sources can be remote or local.

The following figure shows a suggested distributed configuration after you complete the Executive Scorecard installation process.

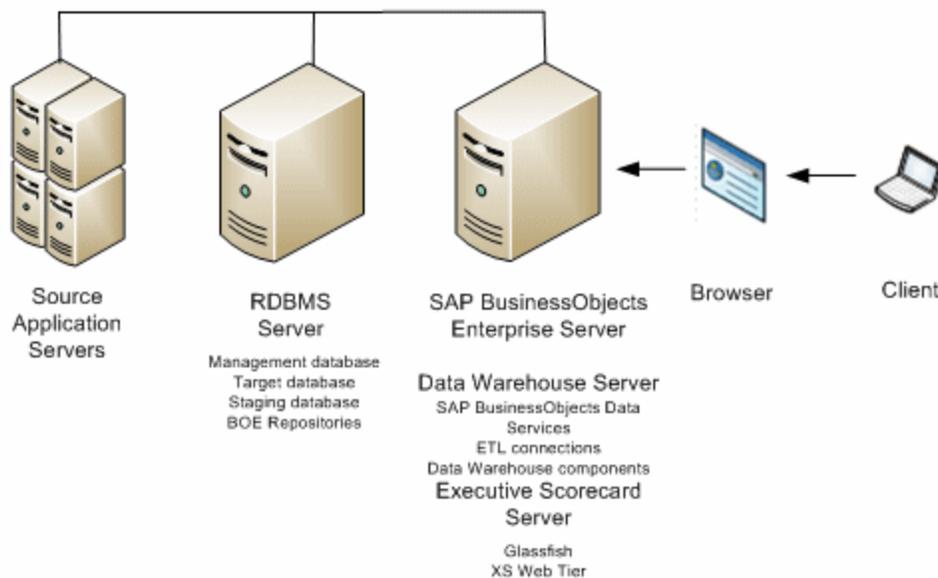


Single server environment - All the required Executive Scorecard components are installed on a single server. This type of configuration is useful for building prototypes and test environments.

You must have an RDBMS installation of Microsoft SQL Server 2008 Enterprise Edition with SP 2 before you begin the Executive Scorecard installation and configuration process. The data sources can be remote or local.

SAP BusinessObjects Data Services for IT Executive Scorecard has an integrated installation with BusinessObjects Enterprise, where SAP BusinessObjects Data Services for IT Executive Scorecard shares the Apache Tomcat instance installed with SAP BusinessObjects Enterprise.

The following figure shows a single server configuration where all Executive Scorecard components are on the same server.



Supported Configurations

The configurations that are supported, described in this document, and recommended are:

- **Typical configuration:** where Executive Scorecard, Data Warehouse, and BusinessObjects Enterprise are installed on the same server. This environment means that the Data Warehouse components are installed on the same server as the Executive Scorecard application and the SAP BusinessObjects application, but the Relational Database Management System (RDBMS) could reside on a separate server. This environment can be useful in test and POC deployments.
- **Distributed configuration:** where Executive Scorecard is installed on one server, Data Warehouse is installed on another server, and BusinessObjects Enterprise is installed on a third server. This is the recommended production environment.

Other configurations (Executive Scorecard and Data Warehouse on one server, and BusinessObjects Enterprise on another server, or Data Warehouse and BusinessObjects Enterprise on one server and Executive Scorecard on another server) are supported but are not

described in this document. If you want to install other configurations, contact [HP Software Support Online web site](#) (<http://www.hp.com/go/hpssoftwaresupport>).

Working with an External or Internal SAP BusinessObjects Enterprise Component

If you SAP BusinessObjects Enterprise is already installed at your site, you do not have to install a second instance that is dedicated to Executive Scorecard, and you can connect to your existing SAP BusinessObjects Enterprise.

When installing Executive Scorecard in a distributed environment, SAP BusinessObjects Enterprise is installed on a server by itself. If SAP BusinessObjects Enterprise is installed on its own server, it must be installed using the SAP installer before installing any of the other components with the Executive Scorecard installer.

Prerequisites

Before you start the installation check the following prerequisites.

RDBMS

1. Obtain the supported Microsoft SQL Server software and license keys directly from Microsoft Corporation. Set up the RDBMS before you begin your Executive Scorecard deployment.
2. Ensure that you configure your supported Microsoft SQL Server with the following:
 - Mixed Mode Authentication for the RDBMS Database Engine.
 - TCP/IP enabled as a communications protocol for MS SQL Server.

For more information, see the Microsoft SQL Server 2008 Enterprise Edition with SP 2 documentation.

Licenses

During the Executive Scorecard Configuration, you are required to enter the application license details.

Data Warehouse Server

Configure the Data Warehouse server to avoid low virtual memory prompts when using M-iCP as follows:

1. Make sure that you have a hard disk capacity of at least 60G-80G.
2. Set the server virtual memory to **system managed size**.
3. Restart the server.
4. In Folder Options, clear **Hide protected operating system files**.
5. Make sure that the pagefile.sys size is greater or equal to your physical memory size.
6. Make sure that you have enough free space on your system drive.

Install the following on the Data Warehouse server, before you start the Data Warehouse component installation:

1. SQLCMD utility as follows:
 - a. On the Microsoft SQL Server 2008 Enterprise Edition with SP 2 CD, run Setup.

Note:

- If you did not previously install Microsoft .NET Framework 3.5.1 on your server, you may be prompted to install it. When installing Microsoft .NET Framework

3.5.1, make sure that WCF Activation is unchecked.

- When installing the SQLCMD utility, make sure that the path to the utility is not enclosed in quotes (") and does not include quotes as this might cause the installation of Data Warehouse to fail.

- b. Select **New SQL Server Standalone Installation**.
- c. On the Feature Select screen, select **Management Tools - Basic**, unselect **Management Tools - Complete**, and finish the Wizard.

Note: If you want to use the default HTTP port in the Executive Scorecard installation, ensure that port 80 is available after the installation of the SQLCMD tool. For more information about the ports, see the Support Matrix document available from the [Support Site \(http://h20230.www2.hp.com/selfsolve/manuals\)](http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).

2. Supported version of Microsoft Excel - This must be installed if you intend on using the Excel spreadsheets provided by Data Warehouse. Because the use of Excel spreadsheets is optional, the pre-install checks inform you if it is not installed but allows you to carry on with the installation.

Administrator permission when working with an SQL server

In order for an administrator to successfully install Executive Scorecard when working with an SQL server, the user needs at least the following permission: **sysadmin**.

1. To assign these permissions, in the MSSQL database, expand the **Security** folder. Right-click the **Logins** folder that appears and select **New Login**.
2. In the **Login - New** page, enter the login name in the **Login name** field. The login name can then be used to install Executive Scorecard.
3. Select the **SQL Server authentication** option (recommended).
4. Enter a password and confirm it.
5. Click **OK**.
6. Select **Server Roles** in the left pane, and select the **sysadmin** Server role.
7. Click **OK**.

Database Naming Conventions

It is recommended that you use the following database naming conventions when configuring databases in the Executive Scorecard Configuration Wizard:

Database Type	Naming convention
Management	databasename_mng
SAP BusinessObjects CMS	databasename_cms
SAP BusinessObjects Audit	databasename_audit
SAP BusinessObjectsData Services	databasename_bods
Data Warehouse Staging	databasename_stg
Data Warehouse Target	databasename_trg
Executive Scorecard Application	databasename_app

Installation Checklist

The following checklists help you prepare for the steps that you complete to install and configure a working Executive Scorecard environment. In each checklist gather the relevant configuration information before you begin your installation.

License Checklist

Status	Configurable Information	Your Value
	License key file location	

Management Database Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
	Microsoft SQL RDBMS host name (FQDN)			sqlserver.domain.com	
	Port	1433		1433	
	Management database name		No embedded spaces or special characters in the database name	databasename_mng	
	SQL Login name		Must have administrator permissions.	sa	
	Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		

Infrastructure Connectivity Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
Infrastructure Settings when configuring Executive Scorecard SAP BusinessObjects Enterprise for IT Executive Scorecard					
	Time Zone				
	Web Server HTTP Port	80		80	
	Web Server HTTPS Port	443		443	
	SSO shared secret				
Administrator Configuration					
	Administrator user name				
	Administrator password				
Target Database Connectivity					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	Port	1433			
	Target database name		No embedded spaces or special characters in the database name.	database_trg	
Period Dimensions					
	First Year	2006			
	Last Year	2026			
	First fiscal month of fiscal year	January			
CMS server Infrastructure Settings when configuring an external SAP BusinessObjects Enterprise for IT Executive Scorecard, or when configuring Data Warehouse or Executive Scorecard.					
	CMS host name				
	CMS Port	6400		6400	
	SAP BOE Administrator name				
	<p>Note: This name and the following password are used for the first time login to the Executive Scorecard application.</p>				

Installation and Configuration Guide

Installation Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
	Password				
	SSO shared secret				
	Authentication Scheme	secEnterprise			
	Tomcat Port	8080		8080	

SAP BusinessObjects Enterprise Checklist

Note: This checklist is needed only when SAP BusinessObjects Enterprise is installed internally.

Status	Configurable Information	Default	Limitation	Example	Your Value
General Settings					
	Installation Directory	c:\Program Files (x86)BusinessObjects			
	CMS port	6400		6400	
	Administrator password		The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation, and cannot contain the user name.		
	Tomcat port	8080			
Central Manager Server (CMS) Database Settings					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	Port	1433			
	CMS database name		No embedded spaces or special characters in the database name.	databasename_cms	
	SQL Login name		Must have administrator permissions.	sa	
	Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		
Audit Database Settings - When Creating a new Audit database					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	Port	1433			
	Audit database name		No embedded spaces or special characters in the database name.	databasename_audit	

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Installation Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
	SQL Login name		Must have administrator permissions	sa	
	Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		

Data Warehouse Server Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
SAP BusinessObjects Data Services Database					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	Port	1433			
	SAP BusinessObjects Data Services database name		No embedded spaces or special characters in the database name.	databasename_bods	
	SQL login name		Must have administrator permissions.	sa	
	Password				
	SAP BusinessObjects Data Services database login name		Cannot be the SQL admin login you previously entered. The login name can consist of Alphanumeric characters and an underscore.		
	Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		
	Installation Directory	c:\Program Files (x86)BusinessObjects	The maximum allowable path length is 69 characters. The Installation directory field does not support multi-byte characters.		

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Installation Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
Staging Database Settings					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	Port	1433			
	Staging database name		No embedded spaces or special characters in the database name.	database_stg	
	SQL login name		Must have administrator permissions.	sa	
	Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		
	Reuse password for all logins	No			
	Abc Login Name	dwabc			
	Abc Login Password		The password can consist of Alphanumeric characters and an underscore.		
	Metadata Login Name	dwmetadata			
	Metadata Login Password		The password can consist of Alphanumeric characters and an underscore.		
	Staging Login Name	dws			
	Staging Login Password		The password can consist of Alphanumeric characters and an underscore.		
	Staging Target Login Name	dwst			

Installation and Configuration Guide

Installation Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
	Staging Target Login Password		The password can consist of Alphanumeric characters and an underscore.		
Target Database Login					
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	SQL Login name		Must have administrator permissions.	sa	
	Password				
	Port	1433			
	Target database name		No embedded spaces or special characters in the database name.	database_trg	
	Target Login Name	dwt			
	Target Login Password		The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.		
Currency					
	Default Currency	USD - US Dollar			
External Source files					
	External Source File Location	<Installdirectory>\agora\ DataWarehouse\ExternalSources			
	Enable external source archiving				
	Archive Location				

Executive Scorecard Server Checklist

Status	Configurable Information	Default	Limitation	Example	Your Value
	Microsoft SQL RDBMS host name			sqlserver.domain.com	
	MS SQL Port	1433			
	Executive Scorecard database name		No embedded spaces or special characters in the database name.	databasename_app	
	SQL user name		Must have administrator permissions.	sa	
	Password		The following characters: a-z, A-Z, 0-9, _(underscore) are supported.		

Installation Overview

The HP Executive Scorecard Installation and Configuration Wizards are self-directing with embedded instructions and default values. You can change these values to suit your local environment. The Wizards consists of the following:

- The Installer builds the directory structure and prepares the files for configuration.
- The Configuration Wizard runs automatically on completion of the installer, collects relevant information, and installs the selected components.

The installation of a component often depends on the successful installation of other components.

Components must be installed in the following order:

1. **SAP BusinessObjects Enterprise**

If you already use BusinessObjects Enterprise XI 3.1 with SP3 for other applications, you do not have to install a second instance that is dedicated to Executive Scorecard. You can use an existing SAP BusinessObjects Enterprise installation on a separate server, but it must be BusinessObjects Enterprise XI 3.1 with SP3 installed.

When installing Executive Scorecard in a distributed environment, SAP BusinessObjects Enterprise may be installed on a server by itself, or on a server together with Data Warehouse. Executive Scorecard is on a separate server. If SAP BusinessObjects Enterprise is installed on its own server, it must be installed using the SAP installer before installing any of the other components with the Executive Scorecard installer. If it is on a server with Data Warehouse, it can be installed using the HP installer.

SAP BusinessObjects Enterprise Wizard Flow

The SAP BusinessObjects Enterprise section of the Executive Scorecard Configuration Wizard enables you to:

- Install SAP BusinessObjects Enterprise.
- Create the Central Management Server (CMS) database - The CMS database stores data that allows the CMS to maintain security, manage objects, and manage servers.
- Create an Audit database - The Audit database stores and then forwards audit records to the SAP BusinessObjects Enterprise servers.
- Configure connection properties for the SAP BusinessObjects Enterprise server.

2. **Data Warehouse**

It is recommended that you install Data Warehouse.

Data Warehouse Wizard Flow

The Data Warehouse section of the Executive Scorecard Configuration Wizard enables you to:

- Install SAP BusinessObjects Data Services.
- Create the SAP BusinessObjects Data Services database.
- Create a Data Warehouse Staging database and define its logins - The Staging database, contains tables and snapshots critical to the Extract, Transform, and Load (ETL) process.
- Define the Data Warehouse Target database login - The Target database, contains models that describe the format of the data that produces Executive Scorecard analytical information.
- Assign the Data Warehouse default currency.
- Configure an external source file location and an external source file archive location - The external file location contains Excel files that can be used by an ETL process to load data into the Data Warehouse.
- Install Data Warehouse.

For more information on Data Warehouse, see the *Administrator Guide*.

3. Executive Scorecard

Executive Scorecard Wizard Flow

The Executive Scorecard section of the Executive Scorecard Configuration Wizard enables you to:

- Install Executive Scorecard.
- Install the Executive Scorecard database.
- Install Financial Planning and Analysis.

Installation with internal SAP BusinessObjects Enterprise in a Typical Environment

This section includes the following steps:

"Install BusinessObjects Enterprise XI 3.1 " below

"Install Executive Scorecard Components" on page 35

Install BusinessObjects Enterprise XI 3.1

SAP BusinessObjects Enterprise for IT Executive Scorecard must be the first component you install.

Note: The following instructions may be used when installing SAP BusinessObjects Enterprise XI 3.1 on a server that will have Data Warehouse or Executive Scorecard. When installing SAP BusinessObjects Enterprise XI 3.1 on its own server, you must use the SAP installer.

Note: Virus scanning software may interfere with the installation of SAP BusinessObjects Enterprise for IT Executive Scorecard. Turn off all virus scanning software before installing.

Prerequisites:

1. Ensure that you have the relevant installation settings required for the installation as described in the "Installation Checklists".
2. Close all Windows before you start the installation process.

Start the installation:

1. Insert the XS media into the CD/DVD drive. The installation wizard opens.

Caution: The CD/DVD must remain in the drive until you complete the Executive Scorecard Configuration Wizard.

Note: If the installation wizard does not start automatically, run the file: <DVD_ROOT>\Windows_Setup\HPXS_9.30_setup.exe

Installation Section of Wizard

Follow the prompts until you get to the **Select Group** page.

1. On the **Select Group** page, select **HP Executive Scorecard - Distributed Installation**, and then click **Next**.
2. On the **Select Features** page, select the component you are installing on this server, and then click **Next**

Common Components are automatically selected and installed with each component.

3. On the **Choose the folders** page, click **Next** to accept the default application folder, or **Browse** to navigate to and then select a new application folder location.

Note: If you enter a new application folder name, it cannot contain embedded spaces. For example a folder with a name **HP XS** is invalid.

The wizard then runs a series of checks to validate system requirements.

4. On the **Install Checks** page, ensure that all the installation checks are successful, and click **Next**.

If an installation check failed, you might be required to perform corrective action before you can run the installer. Certain checks can be corrected after a component has been installed.

Note: Checks not relevant to this server are passed automatically.

Validate the SAP BusinessObjects Enterprise and SAP BusinessObjects Data Services disk space.

5. On the **Pre-Install Summary** page, verify that the components you wish to install are listed, and then click **Install**.

The file copying process starts. On completion, the Configuration Wizard begins.

Note: If the server is not compliant with certain minimum system requirements such as free disk space, the install process does not begin.

Post-Install Wizard - Management Database Section

1. On the **Management Database - Configure Management Database Settings** page, **Create a new database**, or **Connect to an existing one**, and then click **Next**.
2. On the **Management Database - Configure Management Database Connectivity Settings** page, enter the following, and then click **Next**.

Enter connectivity and authentication parameters for the MS SQL Server database:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the Management database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the Management database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_mng_upg</i></p> <p>Tip: Make note of the database name, as it may be needed when installing other components.</p>

SQL Server authentication:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

3. On the **Management Database - Configuration Status** page, verify that the Management database configuration was completed successfully, and then click **Next**.

Post-Install Wizard - License Management Section

1. On the **Load a License** page, select one of the following, and then click **Next**.

UI Element	Description
Load a permanent or temporary license	<p>Select to load one of the following license types:</p> <ul style="list-style-type: none"> ■ Permanent - Has no expiry date and is loaded once during the post-install. ■ Temporary - Has an expiry date. On expiration, a new license must be loaded. <p>To load a license, select Load a permanent or temporary license, click Load, Navigate to the license file provided by your supplier, and then click Load License.</p>
Get an evaluation license	<p>Select to load a one-off 60 day evaluation license. The remaining valid period of the license is displayed.</p> <p>Once the evaluation license terminates, you must load a temporary or permanent license.</p>

Post-Install Wizard Section

1. On the **Configure Server Connectivity** page, enter the following, and then click **Next**.

UI Element	Description
CMS port	<p>The port number of the CMS listener. The default value is 6400. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD).</p>
Administrator password	<p>The SAP BusinessObjects Enterprise Administrator password.</p> <p>This password is used only to login to SAP BusinessObjects Enterprise.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm administrator password	<p>Confirm the Administrator password.</p>
Tomcat port	<p>The port number of the Tomcat listener. The default value is 8080. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD).</p>

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2. On the **Configure Central Management Server (CMS) Database** page, **Create a new CMS database**, or **Connect to an existing CMS database**, and then click **Next**.
3. On the **Configure Central Management Server (CMS) Database Connectivity Settings** page, if required enter the following, and then click **Next**.

Enter database configuration parameters area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL 2008 Server hosting the CMS database.</p> <p>Note:</p> <ul style="list-style-type: none">■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>.■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none">■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation).■ The named instance capability is only available for new installations.
Database name	<p>The name of the CMS database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_cms</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

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4. On the **CMS Database Configuration** page, verify that the CMS database configuration was completed successfully, and then click **Next**.
5. On the **Configure Audit Database** page, select one of the following, and then click **Next**.

UI Element	Description
Install Audit schema in the CMS database	Installs the Audit database schema as part of the CMS database previously created.
Create a new Audit database	Creates a new Audit database.
Connect to an existing Audit database	Connect to an existing Audit database.

6. If you Create a new Audit database, or Connect to an existing database, on the **Configure Audit Database** page, if required enter the following, and then click **Next**.

Enter database configuration parameters area:

UI Element	Description
Host name	The fully qualified domain name (FQDN) or IP address of the MS SQL 2008 Server hosting the Audit database. Note: <ul style="list-style-type: none">▪ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>.▪ The named instance capability is only available for new installations.
Port	The port of the MS SQL server listener. The default port is 1433. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD). Note: <ul style="list-style-type: none">▪ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation).▪ The named instance capability is only available for new installations.
Database name	The name of the Audit database. It is recommended that you use the following database naming convention: <i>datasename_audit</i>

SQL Server authentication area:

UI Element	Description
Login Name	The MS SQL login name used to create or connect to the database. The user must have the administrator permissions.
Password	The password for the specified user. Note: <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

7. On the **Audit Database Configuration Status** page verify that the Audit database configuration was completed successfully.
8. On the **Audit Database Configuration Status** page, verify that the Audit database configuration was completed successfully, and then click **Next** to install SAP BusinessObjects Enterprise.

This step can take up to two hours to complete.

Note: Wait for this installation to complete before you configure any other Executive Scorecard components.

9. On the **Configuration Status** page, verify that SAP BusinessObjects Enterprise configuration was completed successfully, and then click **Next**.
10. On the **Summary** page, verify that the Configuration Wizard completed successfully, and click **Finish**.

Install Executive Scorecard Components

Note: Virus scanning software may interfere with the installation of SAP BusinessObjects Enterprise for IT Executive Scorecard. Turn off all virus scanning software before installing.

Prerequisites:

- Close all Windows before you start the installation process.

Start the Installation:

1. Insert the XS media into the CD/DVD drive. The installation wizard opens.

Caution: The CD/DVD must remain in the drive until you complete the Executive Scorecard Configuration Wizard.

Note: If the installation wizard does not start automatically, run the file: <DVD_ROOT>\Windows_Setup\HPXS_9.30_setup.exe

If you copy the installation directory from the DVD or from HPLN, make sure that the path to the target directory does not include blank spaces.

Installation Section of Wizard

1. Follow the prompts until you get to the **Select Group** page.
2. On the **Select Group** page, select **HP Executive Scorecard - Single Server Installation**, and then click **Next**.
3. On the **Choose the folders** page, click **Next** to accept the default application folder, or **Browse** to navigate to and then select a new application folder location, and then click **Next**.

Note: If you enter a new application folder name, it cannot contain embedded spaces. For example, a folder named **HP XS** is invalid.

The wizard then runs a series of checks to validate system requirements.

- On the **Install Checks** page, ensure that all the installation checks are successful, and then click **Next**.

If an installation check failed, you might be required to perform corrective action before you can run the installer. Certain checks can be corrected after a component has been installed.

Note:

Checks not relevant to this server are passed automatically.

Validate the SAP BusinessObjects Enterprise and SAP BusinessObjects Data Services disk space. (CR140900)

Pre-Install Summary page:

1. On the **Pre-Install Summary** page, verify that the components you wish to install are listed, and then click **Install**.
2. The file copying process starts. On completion, the Configuration Wizard begins.

Note: If the server is not compliant with certain minimum system requirements such as free disk space, the install process does not begin.

Post-Installation Section of Wizard

1. On the **Post-Install Introduction Wizard** page, click **Next**.

Post-Install Wizard - Management Database Section

1. On the **Management Database - Configure Management Database Settings** page, select **Create a new database**, and then click **Next**.
2. On the **Management Database - Configure Management Database Connectivity Settings** page, enter the following, and then click **Next**.

Enter connectivity and authentication parameters for the MS SQL Server database:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the Management database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the Management database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_mng_upg</i></p> <p>Tip: Make note of the database name, as it may be needed when installing other components.</p>

SQL Server authentication:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

3. On the **Management Database Configuration Status** page, verify that the Management database configuration was completed successfully, and then click **Next**.

Post-Install Wizard - License Management Section

1. On the **License Management - Load a License** page, select **Load a permanent or temporary license**, and then click **Next**.

UI Element	Description
Load a permanent or temporary license	<p>Select to load one of the following license types:</p> <ul style="list-style-type: none"> ■ Permanent - Has no expiry date and is loaded once during the post-install. ■ Temporary - Has an expiry date. On expiration, a new license must be loaded. <p>To load a license, select Load a permanent or temporary license, click Load, Navigate to the license file provided by your supplier, and then click Load License.</p>
Get an evaluation license	<p>Select to load a one-off 60 day evaluation license. The remaining valid period of the license is displayed.</p> <p>Once the evaluation license terminates, you must load a temporary or permanent license.</p>

Post-Install Wizard - SAP BusinessObjects Enterprise for HP XS Section

1. In the **SAP BusinessObjects Enterprise for HP XS - Installation Directory** page, click **Next** to accept the default installation directory, or **Browse** to navigate to and then select a new installation directory, and then click **Next**.

UI Element (A-Z)	Description
Installation directory	<p>The directory where SAP BusinessObjects Enterprise for IT Executive Scorecard will be installed.</p> <p>Click Next to install SAP BusinessObjects Enterprise for IT Executive Scorecard in the default installation directory.</p> <p>To select an alternate installation directory, click Browse, navigate to the required installation directory, select it, and proceed with the installation.</p>

2. On the **SAP BusinessObjects Enterprise for HP XS - Configure Server Connectivity** page, enter the following, and then click **Next**.

UI Element	Description
CMS port	<p>The port number of the CMS listener. The default value is 6400. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p>
Administrator password	<p>The SAP BusinessObjects Enterprise Administrator password.</p> <p>This password is used only to login to SAP BusinessObjects Enterprise.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm administrator password	<p>Confirm the Administrator password.</p>
Tomcat port	<p>The port number of the Tomcat listener. The default value is 8080. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p>

3. On the **SAP BusinessObjects Enterprise for HP XS - Configure Central Management Server (CMS) Database** page, select **Create a new CMS database**, or **Connect to an existing CMS database**, and then click **Next**.
4. On the **SAP BusinessObjects Enterprise for HP XS - Configure Central Management Server (CMS) Database Connectivity Settings** page, if required, enter the following, and then click **Next**.

Enter database configuration parameters area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL 2008 Server hosting the CMS database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the CMS database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_cms</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

5. On the **SAP BusinessObjects Enterprise for HP XS - CMS Database Configuration Status** page, verify that the CMS database configuration was completed successfully, and then click **Next**.
6. On the **SAP BusinessObjects Enterprise for HP XS -Configure Audit Database** page,

select **Install Audit schema in the CMS database**, and then click **Next**.

UI Element	Description
Install Audit schema in the CMS database	Installs the Audit database schema as part of the CMS database previously created.
Create a new Audit database	Creates a new Audit database.
Connect to an existing Audit database	Connect to an existing Audit database.

- On the **SAP BusinessObjects Enterprise for HP XS - Audit Database Configuration Status** page, verify that the Audit database configuration was completed successfully, and then click **Next** to install SAP BusinessObjects Enterprise.

This step can take up to two hours to complete.

Note: Wait for this installation to complete before you configure any other Executive Scorecard components.

- On the **SAP BusinessObjects Enterprise for HP XS -Enterprise Configuration Status** page, verify that the SAP BusinessObjects Enterprise configuration was completed successfully, and then click **Next**.

Post-Install Wizard - Application Configuration Section

- On the **Application Configuration - Configure Web Server Infrastructure Connectivity** page, enter the following, and then click **Next**.

Data related configuration area:

UI Element	Description
Time Zone	The Data Warehouse time zone used when consolidating the data extracted from the data sources. This property cannot be changed when upgrading.

Web Server Configuration area:

UI Element	Description
HTTP port	The port of the HTTP listener. The default port is 80. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD). Note: If you want to use the default HTTP port in the Executive Scorecard installation, you must ensure that port 80 is not in use by another process.
HTTPS port	The port of the HTTPS listener. The default port is 443. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD).

Business Objects Enterprise area:

- This area is displayed when installing using a typical configuration.
- This area is not displayed when installing a distributed configuration.

UI Element	Description
SSO shared secret	Enter the SSO shared secret. Note: This field is already filled with asterisks (*) when you perform an upgrade.
Confirm SSO shared secret	Confirmation of the SSO shared secret.

2. On the **Application Configuration - Configure Infrastructure Connectivity** page, enter the following, and then click **Next**.

UI Element	Description
Administrator user name	The user name for the administrator. Use this user to log into Executive Scorecard for the first time.
Administrator password	The password for the administrator. Note: <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm Administrator password	Confirmation of the administrator password.

3. On the **Application Configuration - Configure Target Database Settings** page, select **Create a new database**, and then click **Next**.
4. On the **Application Configuration - Configure Target Database Connectivity Settings** page, enter the following, and then click **Next**.

Enter the connectivity and authentication parameters for the Target MS SQL Server database area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the server hosting the target database.</p> <p>You must not use localhost as the host name.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the target database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>databasename_trg</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified login that creates the Target database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

5. On the **Application Configuration - Periods** page, enter the following, and then click **Next**.

Enter the date range for the data to be processed:

UI Element	Description
First Year	<p>The first year in the period dimension is the first year used when automatically populating Data Warehouse tables with yearly, quarterly, monthly, weekly and daily records. The default is 2006. Change the First Year value by clicking the up or down arrows.</p> <p>Note: The First Year can be changed later in the Executive Scorecard Admin application, followed by running the dw_period_dim_generator utility.</p> <p>For more information, see Change the Data Warehouse Period dimensions in the <i>Data Warehouse Admin Guide</i>.</p>
Last Year	<p>The last year in the period dimension is the last year used when automatically populating Data Warehouse tables with yearly, quarterly, monthly, weekly and daily records. The default is 2026. Change the Last Year value by clicking the up or down arrows.</p> <p>Note:</p> <ul style="list-style-type: none">■ The Last Year must not be lower than the current year.■ The Last Year can be changed later in the Executive Scorecard Admin application, followed by running the dw_period_dim_generator utility. <p>For more information see Change the Data Warehouse Period dimensions in the <i>Data Warehouse Admin Guide</i>.</p>
First fiscal month of the year	<p>The first fiscal month of the year in your organization.</p>

Post-Install Wizard - Data Warehouse Section

1. On the **Data Warehouse - SAP BusinessObjects Data Services for HP XS** page, enter the following, and then click **Next**.

Enter database connectivity and authentication details:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <ul style="list-style-type: none"> ■ Do not use localhost as the host name. ■ The sum of the number of characters of the following names must not exceed 65: <ul style="list-style-type: none"> ○ The Host name FQDN ○ The SAP BusinessObjects Data Services for IT Executive Scorecard database name ○ The number of the server port. ○ The Login Name. <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_bods</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password of the specified login.</p> <p>Note:</p> <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

Database login authentication area:

UI Element	Description
New Login name	<p>A new MS SQL login created for the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <p>A SAP BusinessObjects Data Services for IT Executive Scorecard database user account with the same name is automatically created.</p> <p>Note:</p> <ul style="list-style-type: none">■ The Login Name can only comprise alphanumeric characters and if required an underscore.■ Do not use XS as a new database login name because the XS user name is already used internally.
Password	<p>The password for the new login.</p> <p>The same password is also applied to the database user account.</p> <p>Note:</p> <ul style="list-style-type: none">■ The password can comprise alphanumeric characters and an underscore.■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	<p>Confirmation of the password for the new login.</p>

Installation directory area:

UI Element	Description
Installation directory	<p>The location where you want to install SAP BusinessObjects Data Services for IT Executive Scorecard.</p> <p>The maximum allowable path length is 69 characters. In addition, the Installation directory field does not support multi-byte characters. To install the software on a system with a multi-byte locale, you must specify the installation directory with single-byte characters or use the default location.</p> <p>To run the Designer, a user requires both read and write access to the installation directory.</p>

2. On the **Data Warehouse - Create Staging Database** page, enter the following, and then click **Next**.

Enter the details of the Staging database area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN), or IP address of the server hosting the Staging database.</p> <p>Do not use localhost as the host name.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The database name of the Staging database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>database_name_stg</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	The MS SQL login name used to create or connect to the database. The user must have the administrator permissions.
Password	The password for the specified login. Note: <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

- On the **Data Warehouse - Define Staging Database Logins** page, enter the following, and then click **Next**.

Abc Database Instance Login area:

UI Element	Description
Abc Login Name	The Abc database login name. Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server. Do not use XS as a new database login name because the XS user name is already used internally.
Abc Login Password	The Abc database login password. Note: <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.
Reuse password for all logins	Select to reuse the password for the Metadata login, Staging Database login, and Staging Target Database login.

Metadata Database Instance Login area:

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UI Element	Description
Metadata Login Name	<p>The Metadata database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Metadata Login Password	<p>The Metadata database login password.</p> <p>Note:</p> <ul style="list-style-type: none">■ The password can comprise alphanumeric characters and an underscore.■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	<p>Confirmation of the password.</p>

Staging Database Instance Login area:

UI Element	Description
Staging Login Name	<p>The Staging database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Note: If you install the Staging and Target databases on different instances or on different database servers, the administrator login creates a linked server with a specific name. The linked server feature enables the metadata login access to the Target database that is installed on the other instance or on the other database server. Make sure to use the Fully Qualified Domain Name (FQDN).</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Staging Login Password	<p>The Staging database login password.</p> <p>Note:</p> <ul style="list-style-type: none">■ The password can comprise alphanumeric characters and an underscore.■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	<p>Confirmation of the password.</p>

Staging Target Database Instance Login area:

UI Element	Description
Staging Target Login Name	<p>The Staging Target database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Note: If you install the Staging and Target databases on different instances or on different database servers, the administrator login creates a linked server with a specific name. The linked server feature enables the metadata login access to the Target database that is installed on the other instance or on the other database server. Make sure to use the Fully Qualified Domain Name (FQDN).</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Staging Target Login Password	<p>The Staging Target database login password.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.

4. On the **Data Warehouse - Define Target Database Login** page, enter the following, and then click **Next**.

Target Database Instance Login area:

UI Element	Description
Target Login Name	The Target database login name.

UI Element	Description
Target Login Password	<p>The password for the specified login.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm Password	Confirmation of the password.

- On the **Data Warehouse - Currency Configuration** page, enter the following, and then click **Next**.

Currency area:

UI Element	Description
Default Currency	<p>The currency to use as default. You can select \$ as a default.</p> <p>Tip: If you are using the HP Project and Portfolio Management or the HP Asset Manager applications as data sources, make sure that you select the currency corresponding to the currency defined in these applications. For a list of currencies, see "Supported Currencies".</p>

- On the **Data Warehouse - Configure External Source & External Source Archive File Location** page, enter the following, and then click **Next**.

UI Element	Description
Location	<p>The location of the external source files used by Data Warehouse.</p> <p>The default location is: <Installationdirectory>\agora\DataWarehouse\ExternalSources</p>
Enable external source archiving	<p>Select to enable archiving external data source data files.</p> <p>When you select this option, Data Warehouse backs up the flat files created during the SOURCE EXTRACT phase by the FBI Framework. This backup is used in case of fault and recovery, to execute the ETL without SOURCE EXTRACT phase, meaning independently on the data source.</p>
Archive Location	<p>Specify where you want to archive the external data source data files.</p> <p>Note: Because archiving data files can be memory intensive, it is recommended to archive to a dedicated separate logical drive.</p>

7. On the **Data Warehouse - Configuration Status** page, ensure that all the Data Warehouse components were successfully configured, and then click **Next**.
8. On the **Executive Scorecard - Configure Executive Scorecard database** page, select **Create a new Executive Scorecard database** , and then click **Next**.

Post-Install Wizard - Executive Scorecard Section

1. On the **Executive Scorecard - Executive Scorecard MS SQL Settings** page, enter the information, and then click **Next**.

Enter the Executive Scorecard database configuration parameters:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the server hosting the Executive Scorecard database.</p> <p>Note:</p> <ul style="list-style-type: none"> ▪ If you work with the Named Instance feature, format Host Name as follows: <code><host_name>\<instance_name></code>. ▪ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ▪ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ▪ The named instance capability is only available for new installations.
Database name	<p>The name of the Executive Scorecard database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>databasename_app</i></p>

SQL Server authentication:

UI Element	Description
User Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password for the specified login.</p> <p>Note:</p> <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

2. On the **Executive Scorecard - Executive Scorecard Database Configuration Status** page, verify that the Executive Scorecard database was created successfully, and then click **Next** to install Executive Scorecard.
3. On the **Executive Scorecard Summary** page, ensure that the Executive Scorecard configuration was completed successfully, and then click **Next**.

Post-Install Wizard - Financial Planning Analysis Section

1. On the **Financial Planning and Analysis - Installing FPA** page, click **Next** to install Financial Planning and Analysis.
2. On the **Financial Planning and Analysis - Summary** page, ensure that the Configuration Wizard completed successfully, and then click **Finish**.
3. You must then perform further configuration on the data sources and content packs, as well as running the relevant ETLs to get data in the Executive Scorecard application. For more information on configuring Data Warehouse, see [Getting Started with General Admin](#) in the *Administrator Guide*.

Installation with External SAP BusinessObjects Enterprise in a Distributed Environment

This section includes the following steps:

"Install BusinessObjects Enterprise" below

"Install Data Warehouse" on page 56

"Install Executive Scorecard" on page 69

"Connect to the External SAP BusinessObjects Enterprise" on page 77

Install BusinessObjects Enterprise

SAP BusinessObjects Enterprise for IT Executive Scorecard must be the first component you install.

Note: Virus scanning software may interfere with the installation of SAP BusinessObjects Enterprise for IT Executive Scorecard. Turn off all virus scanning software before installing.

1. Create a Schema in the DB server.
2. In the DB server, if you use a 64 bit operating system, run the command:
C:\Windows\SysWOW64\odbcad32.exe.
3. In the **ODBC Data Source Administrator**, click the **System DNS** tab, and the **Add** button to add related Data Source:
4. In the **Create New Data Source** page that opens, select the **SQL Server** driver and click **Finish**.
5. In the **Create a New Data Source to SQL Server** page, enter the information to create the ODBC data source for your BOE database, and click **Next**.
6. In the next **Create a New Data Source to SQL Server** page, select the **With SQL Server authentication using a login ID and password entered by the user**, select the **Connect to SQL Server to obtain default settings for the additional configuration options** and enter the **Login ID** and **Password**, **Use ANSI quoted identifiers** and **Use ANSI nulls**, paddings and warnings. Click **Next**.
7. In the next **Create a New Data Source to SQL Server** page, select the **Change the default database to** option, and select the database that you created in step 1. Click **Next**.

8. In the Microsoft SQL Server DSN Configuration page, select **Perform translation for character data**, and click **Finish**.
9. In the **ODBC Microsoft SQL Server Setup** page click **Test Data Source**, and wait for the message **TESTS COMPLETED SUCCESSFULLY!**

Install BusinessObjects Enterprise:

1. Close all Windows before you start the installation process.
2. Insert the XS media into the CD/DVD drive. The installation wizard opens.

Caution: The CD/DVD must remain in the drive until you complete the Executive Scorecard Configuration Wizard.

Note: If the installation wizard does not start automatically, run the file: **<DVD_ROOT>\Windows_Setup\packages\boe_installer\setup.exe**

If you copy the installation directory from the DVD or from HPLN, make sure that the path to the target directory does not include blank spaces.

3. In the **BusinessObjects Enterprise XI 3.1 Setup - User Information** page, insert the license key in the **Product Keycode** field. Click **Next**.
4. In the **BusinessObjects Enterprise XI 3.1 Setup - Install Type** page, select **New, Use an existing database server**, and **Enable servers upon installation**. Click **Next**.
5. In the **BusinessObjects Enterprise XI 3.1 Setup - Server Components Configuration** page, enter **6400** in the **CMS port** field and select **Configure the BusinessObjects Enterprise Administrator at a later time**. Click **Next**.
6. In the **BusinessObjects Enterprise XI 3.1 Setup - Server Intelligence Agent** page, enter the name of the node in the **Node Name** field, and the port number (**6410**) in the **Port** field. Click **Next**.
7. In the **BusinessObjects Enterprise XI 3.1 Setup - CMS Database Information** page, select **SQL Server (ODBC)** in the **CMS Database** area in the **Select existing CMS database** dropdown.
8. In the SQL Server Logon dialog box, click **Browse** to select the relevant data source in the **Data Source Name** field and enter the password in the **Password** field, and select the Database, that you have created in step 1. Click **OK**.
9. In the **BusinessObjects Enterprise XI 3.1 Setup page - Select Web Application Server**, select **Java Web Application Server** and **Install Tomcat application server and deploy to it**. Click **Next**.
10. Click **Next** using all the default ports (do not change them).

Note: The **BOWInstall_0.log** Installation log file is saved in the **temp** folder.

11. To login to BusinessObjects Enterprise after installation, use the following URL:

http://<server name>:8080/CmcApp

User: administrator, Password: (empty).

12. In the **BusinessObjects Enterprise XI 3.1 Setup - Automatically Re-Deploy Web Applications?** page, select **Yes, automatically re-deploy the web applications**. Click **Next**.
13. As you have already installed Tomcat, in the **BusinessObjects Enterprise XI 3.1 Setup - Configure Web Application Server** page, enter the server instance in the **Server Instance** field, the service name in the **Service Name** field, and the path to the Tomcat in the **Application Server Installation Directory** field. Click **Next** to install.

Configure the JDBC driver:

1. Copy the sqljdbc.jar into **<BOE install folder>\common\4.0\java\lib\external** directory.
2. In the **<BOE install folder>\BusinessObjects Enterprise 12.0\win32_x86\dataAccess\connectionServer\jdbc\jdbc.sbo** file add the following lines to the **<JDBCdriver>** section of MS SQL Server 2005 configuration, and save the file:

```
<ClassPath>  
  <Path>C:\Program Files (x86)\Business  
Objects\common\4.0\java\lib\external\sqljdbc.jar</Path>  
</ClassPath>
```

3. In the **<BOE install folder>\common\4.0\java\CRConfig.xml** file, add the following in the **<Classpath>** section of **<DataDriverCommon>**:

```
<BOE install folder>\common\4.0\java\lib\external\sqljdbc.jar;
```

BusinessObjects Enterprise is now ready to be integrated with Executive Scorecard.

Install Data Warehouse

The Data Warehouse component should be installed on a separate server after the installation of SAP Business Objects Enterprise on a separate server.

Prerequisites:

1. Ensure that you have the relevant installation settings required for the installation as described in the "[Installation Checklists](#)".
2. Close all Windows before you start the installation process.

Start the installation:

1. Insert the XS media into the CD/DVD drive. The installation wizard opens.

Caution: The CD/DVD must remain in the drive until you complete the Executive Scorecard Configuration Wizard.

Note: If the installation wizard does not start automatically, run the file: <DVD_ROOT>\Windows_Setup\HPXS_9.30_setup.exe

Installation Section of Wizard

Follow the prompts until you get to the **Select Group** page.

1. On the **Select Group** page, select **HP Executive Scorecard - Distributed Installation**, and then click **Next**.
2. On the **Select Features** page, select the component you are installing on this server, and then click **Next**

Common Components are automatically selected and installed with each component.

3. On the **Choose the folders** page, click **Next** to accept the default application folder, or **Browse** to navigate to and then select a new application folder location.

Note: If you enter a new application folder name, it cannot contain embedded spaces. For example a folder with a name **HP XS** is invalid.

The wizard then runs a series of checks to validate system requirements.

4. On the **Install Checks** page, ensure that all the installation checks are successful, and click **Next**.

If an installation check failed, you might be required to perform corrective action before you can run the installer. Certain checks can be corrected after a component has been installed.

Note: Checks not relevant to this server are passed automatically.

Validate the SAP BusinessObjects Enterprise and SAP BusinessObjects Data Services disk space.

5. On the **Pre-Install Summary** page, verify that the components you wish to install are listed, and then click **Install**.

The file copying process starts. On completion, the Configuration Wizard begins.

Note: If the server is not compliant with certain minimum system requirements such as free disk space, the install process does not begin.

Post-Install Wizard - Management Database Section

1. On the **Introduction** page, click **Next**.
2. On the **Management Database - Configure Management Database Settings** page, select **Create a new database**, and then click **Next**.
3. On the **Management Database - Configure Management Database Connectivity Settings** page, enter the information and then click **Next**.

Enter connectivity and authentication parameters for the MS SQL Server database:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the Management database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the Management database.</p> <p>It is recommended that you use the following database naming convention: <i>datasename_mng_upg</i></p> <p>Tip: Make note of the database name, as it may be needed when installing other components.</p>

SQL Server authentication:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

4. On the **Management Database - Management Configuration Status** page, verify that the operation completed successfully. and then click **Next**.

Post-Install Wizard - License Management Section

1. On the **License Management -Load a License** page, select **Load a permanent or temporary license**, enter the license, and then click **Next**.

Post-Install Wizard - Application Configuration Section

1. On the **Application Configuration - Configure Web Server Infrastructure Connectivity** page, enter the information and then click **Next**.

Data related configuration area:

UI Element	Description
Time Zone	The Data Warehouse time zone used when consolidating the data extracted from the data sources. This property cannot be changed when upgrading.

Web Server Configuration area:

UI Element	Description
HTTP port	The port of the HTTP listener. The default port is 80. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD). Note: If you want to use the default HTTP port in the Executive Scorecard installation, you must ensure that port 80 is not in use by another process.
HTTPS port	The port of the HTTPS listener. The default port is 443. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).

Business Objects Enterprise area:

- This area is displayed when installing using a typical configuration.
- This area is not displayed when installing a distributed configuration.

UI Element	Description
SSO shared secret	Enter the SSO shared secret. Note: This field is already filled with asterisks (*) when you perform an upgrade.
Confirm SSO shared secret	Confirmation of the SSO shared secret.

2. On the **Application Configuration - Configure Infrastructure Connectivity** page, enter the information and then click **Next**.

Enter connectivity and authentication parameters area:

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Installation with External SAP BusinessObjects Enterprise in a Distributed Environment

UI Element	Description
Administrator user name	The user name for the administrator. Use this user to log into Executive Scorecard for the first time.
Administrator password	The password for the administrator. Note: <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm Administrator password	Confirmation of the administrator password.

3. On the **Application Configuration - Configure Infrastructure Connectivity** page, enter the information and then click **Next**.

UI Element	Description
Host name	The fully qualified domain name (FQDN) or IP address of the SAP BusinessObjects Enterprise XI 3.1 server.
CMS Port	The port number used by the CMS listener. The default value when SAP BusinessObjects Enterprise for IT Executive Scorecard is installed as part of the Executive Scorecard installation, is 6400.
Administrator User name	The SAP BusinessObjects Enterprise XI 3.1 administrator user name. Note: This user name and the following password are used when logging in to the SAP BusinessObjects Enterprise applications.
Administrator password	The SAP BusinessObjects Enterprise XI 3.1 administrator password.
Confirm Administrator password	Confirmation of the administrator password.
SSO shared secret	The shared secret that is used to authenticate communications with the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is configured, the shared secret entered is validated against the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is not configured, the entered shared secret is configured on the SAP BusinessObjects Enterprise XI 3.1 server.
Confirm SSO shared secret	Confirmation of the SSO shared secret.

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Installation with External SAP BusinessObjects Enterprise in a Distributed Environment

UI Element	Description
Authentication scheme	Select one of the following SAP BusinessObjects Enterprise XI 3.1 authentication schemes that contains the administrator account: <ul style="list-style-type: none">▪ secEnterprise - When the SAP BusinessObjects administrator account is a native Enterprise account.▪ secLDAP - When the SAP BusinessObjects administrator account originates from an LDAP user database.
Tomcat Port	The port used by the Tomcat listener. The default value is 8080. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD.
Skip SAP BusinessObjects Enterprise connectivity configuration	Skip the configuration.

4. On the **Application Configuration - Target Database Settings** page, select the **Create a new database** option, and then click **Next**.
5. On the **Application Configuration - Periods** page, enter the following, and then click **Next**.

Enter the date range for the data to be processed:

UI Element	Description
First Year	The first year in the period dimension is the first year used when automatically populating Data Warehouse tables with yearly, quarterly, monthly, weekly and daily records. The default is 2006. Change the First Year value by clicking the up or down arrows. Note: The First Year can be changed later in the Executive Scorecard Admin application, followed by running the dw_period_dim_generator utility. For more information, see Change the Data Warehouse Period dimensions in the <i>Data Warehouse Admin Guide</i> .

UI Element	Description
Last Year	<p>The last year in the period dimension is the last year used when automatically populating Data Warehouse tables with yearly, quarterly, monthly, weekly and daily records. The default is 2026. Change the Last Year value by clicking the up or down arrows.</p> <p>Note:</p> <ul style="list-style-type: none">■ The Last Year must not be lower than the current year.■ The Last Year can be changed later in the Executive Scorecard Admin application, followed by running the dw_period_dim_generator utility. <p>For more information see Change the Data Warehouse Period dimensions in the <i>Data Warehouse Admin Guide</i>.</p>
First fiscal month of the year	<p>The first fiscal month of the year in your organization.</p>

Post-Install Wizard - Data Warehouse Section

1. On the **Data Warehouse - SAP BusinessObjects Data Service for HP XS** page, enter the following, and then click **Next**.

Enter database connectivity and authentication details:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <ul style="list-style-type: none"> ■ Do not use localhost as the host name. ■ The sum of the number of characters of the following names must not exceed 65: <ul style="list-style-type: none"> ○ The Host name FQDN ○ The SAP BusinessObjects Data Services for IT Executive Scorecard database name ○ The number of the server port. ○ The Login Name. <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <p>It is recommended that you use the following database naming convention: <i>databasename_bods</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password of the specified login.</p> <p>Note:</p> <ul style="list-style-type: none">■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported.■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation.■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

Database login authentication area:

UI Element	Description
New Login name	<p>A new MS SQL login created for the SAP BusinessObjects Data Services for IT Executive Scorecard database.</p> <p>A SAP BusinessObjects Data Services for IT Executive Scorecard database user account with the same name is automatically created.</p> <p>Note:</p> <ul style="list-style-type: none">■ The Login Name can only comprise alphanumeric characters and if required an underscore.■ Do not use XS as a new database login name because the XS user name is already used internally.
Password	<p>The password for the new login.</p> <p>The same password is also applied to the database user account.</p> <p>Note:</p> <ul style="list-style-type: none">■ The password can comprise alphanumeric characters and an underscore.■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	<p>Confirmation of the password for the new login.</p>

Installation directory area:

UI Element	Description
Installation directory	<p>The location where you want to install SAP BusinessObjects Data Services for IT Executive Scorecard.</p> <p>The maximum allowable path length is 69 characters. In addition, the Installation directory field does not support multi-byte characters. To install the software on a system with a multi-byte locale, you must specify the installation directory with single-byte characters or use the default location.</p> <p>To run the Designer, a user requires both read and write access to the installation directory.</p>

2. On the **Data Warehouse - Create Staging Database** page, enter the following, and then click **Next**.

Enter the details of the Staging database area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN), or IP address of the server hosting the Staging database.</p> <p>Do not use localhost as the host name.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The database name of the Staging database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>database_name_stg</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	The MS SQL login name used to create or connect to the database. The user must have the administrator permissions.
Password	The password for the specified login. Note: <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

- On the **Data Warehouse - Define Staging Database Logins** page, enter the following, and then click **Next**.

Abc Database Instance Login area:

UI Element	Description
Abc Login Name	The Abc database login name. Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server. Do not use XS as a new database login name because the XS user name is already used internally.
Abc Login Password	The Abc database login password. Note: <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.
Reuse password for all logins	Select to reuse the password for the Metadata login, Staging Database login, and Staging Target Database login.

Metadata Database Instance Login area:

UI Element	Description
Metadata Login Name	<p>The Metadata database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Metadata Login Password	<p>The Metadata database login password.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.

Staging Database Instance Login area:

UI Element	Description
Staging Login Name	<p>The Staging database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Note: If you install the Staging and Target databases on different instances or on different database servers, the administrator login creates a linked server with a specific name. The linked server feature enables the metadata login access to the Target database that is installed on the other instance or on the other database server. Make sure to use the Fully Qualified Domain Name (FQDN).</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Staging Login Password	<p>The Staging database login password.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.

Staging Target Database Instance Login area:

UI Element	Description
Staging Target Login Name	<p>The Staging Target database login name.</p> <p>Tip: In each database instance, it is recommended to use different login names that are unique if you plan to install several databases on the same server.</p> <p>Note: If you install the Staging and Target databases on different instances or on different database servers, the administrator login creates a linked server with a specific name. The linked server feature enables the metadata login access to the Target database that is installed on the other instance or on the other database server. Make sure to use the Fully Qualified Domain Name (FQDN).</p> <p>Do not use XS as a new database login name because the XS user name is already used internally.</p>
Staging Target Login Password	<p>The Staging Target database login password.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The password can comprise alphanumeric characters and an underscore. ■ It is important that you save the password in a safe place as it may be required in certain disaster recovery scenarios.
Confirm Password	Confirmation of the password.

4. On the **Data Warehouse - Define Target Database Login** page, enter the following, and then click **Next**.

Target Database Instance Login area:

UI Element	Description
Target Login Name	The Target database login name.

UI Element	Description
Target Login Password	<p>The password for the specified login.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.
Confirm Password	Confirmation of the password.

5. On the **Data Warehouse - Currency Configuration** page, enter the following, and then click **Next**.

Currency area:

UI Element	Description
Default Currency	<p>The currency to use as default. You can select \$ as a default.</p> <p>Tip: If you are using the HP Project and Portfolio Management or the HP Asset Manager applications as data sources, make sure that you select the currency corresponding to the currency defined in these applications. For a list of currencies, see "Supported Currencies".</p>

6. On the **Data Warehouse - Configure External Source & External Source Archive File Location** page, enter the following, and then click **Next**.
7. On the **Data Warehouse - Configuration Status** page, ensure that all the Data Warehouse components were successfully configured, and then click **Next**.
8. On the **Summary** page, verify that the operations completed successfully, and then click **Next**.

Install Executive Scorecard

The Executive Scorecard component should be installed after the SAP BusinessObjects Enterprise for IT Executive Scorecard, and Data Warehouse components.

Prerequisites:

1. Ensure that you have the relevant installation settings required for the installation as described in the "[Installation Checklists](#)".
2. Close all Windows before you start the installation process.

Start the installation:

1. Insert the XS media into the CD/DVD drive. The installation wizard opens.

Caution: The CD/DVD must remain in the drive until you complete the Executive Scorecard Configuration Wizard.

Note: If the installation wizard does not start automatically, run the file: <DVD_ROOT>\Windows_Setup\HPXS_9.30_setup.exe

Installation Section of Wizard

Follow the prompts until you get to the **Select Group** page.

1. On the **Select Group** page, select **HP Executive Scorecard - Distributed Installation**, and then click **Next**.
2. On the **Select Features** page, select the component you are installing on this server, and then click **Next**

Common Components are automatically selected and installed with each component.

3. On the **Choose the folders** page, click **Next** to accept the default application folder, or **Browse** to navigate to and then select a new application folder location.

Note: If you enter a new application folder name, it cannot contain embedded spaces. For example a folder with a name **HP XS** is invalid.

The wizard then runs a series of checks to validate system requirements.

4. On the **Install Checks** page, ensure that all the installation checks are successful, and click **Next**.

If an installation check failed, you might be required to perform corrective action before you can run the installer. Certain checks can be corrected after a component has been installed.

Note: Checks not relevant to this server are passed automatically.

Validate the SAP BusinessObjects Enterprise and SAP BusinessObjects Data Services disk space.

5. On the **Pre-Install Summary** page, verify that the components you wish to install are listed, and then click **Install**.

The file copying process starts. On completion, the Configuration Wizard begins.

Note: If the server is not compliant with certain minimum system requirements such as free disk space, the install process does not begin.

Post-Install Wizard - Management Database Section

1. On the **Management Database - Configure Management Database Settings** page, **Connect to an existing one**, and then click **Next**.
2. On the **Management Database - Configure Management Database Connectivity Settings** page, enter the following, and then click **Next**.

Enter connectivity and authentication parameters for the MS SQL Server database:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the MS SQL Server hosting the Management database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the Management database.</p> <p>It is recommended that you use the following database naming convention: <i>database_name_mng_upg</i></p> <p>Tip: Make note of the database name, as it may be needed when installing other components.</p>

SQL Server authentication:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password for the specified user.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

3. On the **Management Database - Configuration Status** page, verify that the Management database configuration was completed successfully, and then click **Next**.

Post-Install Wizard - License Management Section

1. License Management Section of Wizard

On the **Load a License** page, select one of the following, and then click **Next**.

UI Element	Description
Load a permanent or temporary license	<p>Select to load one of the following license types:</p> <ul style="list-style-type: none"> ■ Permanent - Has no expiry date and is loaded once during the post-install. ■ Temporary - Has an expiry date. On expiration, a new license must be loaded. <p>To load a license, select Load a permanent or temporary license, click Load, Navigate to the license file provided by your supplier, and then click Load License.</p>
Get an evaluation license	<p>Select to load a one-off 60 day evaluation license. The remaining valid period of the license is displayed.</p> <p>Once the evaluation license terminates, you must load a temporary or permanent license.</p>

Post-Install Wizard - Application Configuration Section

1. On the **Application Configuration - Configure Web Server Infrastructure Connectivity** page, enter the following:

Data related configuration area:

UI Element	Description
Time Zone	<p>The Data Warehouse time zone used when consolidating the data extracted from the data sources.</p> <p>This property cannot be changed when upgrading.</p>

Web Server Configuration area:

UI Element	Description
HTTP port	The port of the HTTP listener. The default port is 80. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD). Note: If you want to use the default HTTP port in the Executive Scorecard installation, you must ensure that port 80 is not in use by another process.
HTTPS port	The port of the HTTPS listener. The default port is 443. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals or from the Installation DVD).

Business Objects Enterprise area:

- This area is displayed when installing using a typical configuration.
- This area is not displayed when installing a distributed configuration.

UI Element	Description
SSO shared secret	Enter the SSO shared secret. Note: This field is already filled with asterisks (*) when you perform an upgrade.
Confirm SSO shared secret	Confirmation of the SSO shared secret.

2. If you are using an installation of SAP BusinessObjects Enterprise that was not installed as part of the Executive Scorecard deployment, on the **Configure Infrastructure Connectivity** page, enter the following:

UI Element	Description
Host name	The fully qualified domain name (FQDN) or IP address of the SAP BusinessObjects Enterprise XI 3.1 server.
CMS Port	The port number used by the CMS listener. The default value when SAP BusinessObjects Enterprise for IT Executive Scorecard is installed as part of the Executive Scorecard installation, is 6400.
Administrator User name	The SAP BusinessObjects Enterprise XI 3.1 administrator user name. Note: This user name and the following password are used when logging in to the SAP BusinessObjects Enterprise applications.
Administrator password	The SAP BusinessObjects Enterprise XI 3.1 administrator password.
Confirm Administrator password	Confirmation of the administrator password.

UI Element	Description
SSO shared secret	The shared secret that is used to authenticate communications with the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is configured, the shared secret entered is validated against the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is not configured, the entered shared secret is configured on the SAP BusinessObjects Enterprise XI 3.1 server.
Confirm SSO shared secret	Confirmation of the SSO shared secret.
Authentication scheme	Select one of the following SAP BusinessObjects Enterprise XI 3.1 authentication schemes that contains the administrator account: <ul style="list-style-type: none"> ▪ secEnterprise - When the SAP BusinessObjects administrator account is a native Enterprise account. ▪ secLDAP - When the SAP BusinessObjects administrator account originates from an LDAP user database.
Tomcat Port	The port used by the Tomcat listener. The default value is 8080. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).
Skip SAP BusinessObjects Enterprise connectivity configuration	Skip the configuration.

3. On the **Application Configuration - Configure Target Database Settings** page, enter the following:

Select if you want to create a new target database or if you want to connect to an existing target database:

UI Element	Description
Create a new database	Select to create a new target database.
Connect to an existing database	Select to connect to an existing target database.

4. On the **Application Configuration - Configure Target Database Connectivity Settings** page, enter the following:

Enter the connectivity and authentication parameters for the Target MS SQL Server database area:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the server hosting the target database.</p> <p>You must not use localhost as the host name.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <host_name>\<instance_name>. ■ The named instance capability is only available for new installations.
Port <1433>	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the target database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>databasename_trg</i></p>

SQL Server authentication area:

UI Element	Description
Login Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>
Password	<p>The password for the specified login that creates the Target database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

Post-Install Wizard - Executive Scorecard Section

1. On the **Executive Scorecard - Configure Executive Scorecard database** page, select

whether you want to connect to an existing database or create a new one.

2. On the **Executive Scorecard - Executive Scorecard MS SQL Settings** page, enter the following:

Enter the Executive Scorecard database configuration parameters:

UI Element	Description
Host name	<p>The fully qualified domain name (FQDN) or IP address of the server hosting the Executive Scorecard database.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, format Host Name as follows: <code><host_name>\<instance_name></code>. ■ The named instance capability is only available for new installations.
Port	<p>The port of the MS SQL server listener. The default port is 1433. Change this value to connect to a non-default database instance on the server.</p> <p>For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).</p> <p>Note:</p> <ul style="list-style-type: none"> ■ If you work with the Named Instance feature, you can omit the port number (it is automatically detected during the installation). ■ The named instance capability is only available for new installations.
Database name	<p>The name of the Executive Scorecard database.</p> <p>It is recommended that you use the following database naming convention:</p> <p><i>datasenname_app</i></p>

SQL Server authentication:

UI Element	Description
User Name	<p>The MS SQL login name used to create or connect to the database.</p> <p>The user must have the administrator permissions.</p>

UI Element	Description
Password	<p>The password for the specified login.</p> <p>Note:</p> <ul style="list-style-type: none"> ■ The following characters: a-z, A-Z, 0-9, _ (underscore) are supported. ■ The password must be at least 6 characters in length, and must contain a combination of two of the following; upper case, lower case, numbers and punctuation. ■ The password can be changed by the Administrator. In such a case, the relevant password setting should be changed accordingly.

3. On the **Executive Scorecard - Database Configuration Status** page, verify that the Executive Scorecard database was created successfully, and then click **Next** to install Executive Scorecard.
4. On the **Executive Scorecard - Summary** page, ensure that the Executive Scorecard configuration was completed successfully, and then click **Next**.

Post-Install Wizard - Financial Planning Analysis Section

1. On the **Installing FPA** page, click **Next** to install Financial Planning and Analysis.
2. On the **Financial Planning and Analysis - Summary** page, insure that the Financial Planning and Analysis configuration was completed successfully, and then click **Next**.
3. On the **Summary** page, verify that the Configuration Wizard completed successfully, and then click **Finish**.

Connect to the External SAP BusinessObjects Enterprise

The Executive Scorecard component should be installed after the SAP BusinessObjects Enterprise for IT Executive Scorecard, and Data Warehouse components.

1. On the **Application Configuration - Configure Infrastructure Connectivity** page, enter the following, and then click **Next**.

UI Element	Description
Host name	The fully qualified domain name (FQDN) or IP address of the SAP BusinessObjects Enterprise XI 3.1 server.
CMS Port	The port number used by the CMS listener. The default value when SAP BusinessObjects Enterprise for IT Executive Scorecard is installed as part of the Executive Scorecard installation, is 6400.

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UI Element	Description
Administrator User name	The SAP BusinessObjects Enterprise XI 3.1 administrator user name. Note: This user name and the following password are used when logging in to the SAP BusinessObjects Enterprise applications.
Administrator password	The SAP BusinessObjects Enterprise XI 3.1 administrator password.
Confirm Administrator password	Confirmation of the administrator password.
SSO shared secret	The shared secret that is used to authenticate communications with the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is configured, the shared secret entered is validated against the SAP BusinessObjects Enterprise XI 3.1 server. If trusted authentication is not configured, the entered shared secret is configured on the SAP BusinessObjects Enterprise XI 3.1 server.
Confirm SSO shared secret	Confirmation of the SSO shared secret.
Authentication scheme	Select one of the following SAP BusinessObjects Enterprise XI 3.1 authentication schemes that contains the administrator account: <ul style="list-style-type: none">■ secEnterprise - When the SAP BusinessObjects administrator account is a native Enterprise account.■ secLDAP - When the SAP BusinessObjects administrator account originates from an LDAP user database.
Tomcat Port	The port used by the Tomcat listener. The default value is 8080. For more information about ports, see the Support Matrix document available from the Support Site (http://h20230.www2.hp.com/selfsolve/manuals) or from the Installation DVD).
Skip SAP BusinessObjects Enterprise connectivity configuration	Skip the configuration.

Uninstall Executive Scorecard

Uninstall Executive Scorecard components as follows:

- On the task bar of each server with an Executive Scorecard component, click **Start > All Programs > HP Executive Scorecard > Administration > Uninstall HP Executive Scorecard**.

This performs the un-installation procedure as follows:

- a. The installed component and all patches and content packs.
- b. The Web Server service on the Data Warehouse and Executive Scorecard servers.
- c. All files created in the installation process.
- d. SAP BusinessObjects Enterprise for IT Executive Scorecard, and SAP BusinessObjects Data Services for IT Executive Scorecard.

Note: The HPXS folder may remain after performing the uninstall of Executive Scorecard 9.3. If it does, remove it manually.

Troubleshooting

After DWH installation failure, unable to rerun and install it automatically



Cause

A connection issue to database server, after the failure in the Auto Activation phase.

View Details

server.log:

FATAL - Error when trying to auto activate content packs: failed to initialize content pack: Core

dw_ds_automation.bat: Failure. See the dw_ds_automation_tool.log for details.

Solution

1. Delete the records in the CONTENT_PACK table under the staging database/dwmetadata schema.
2. Delete the files and folders under the **C:\<Installation Directory>\{agora}\datawarehouse\generated**

Uninstall is not successful

View Details

No error message.

Solution

1. Restart DWH server.
2. Restart DWH server.

Fully Qualified Domain

Cause

FQDN is required for installation. In POC servers, the server may not be part of a domain.

Solution

1. Open the **C:\Windows\System32\drivers\etc\hosts** file and add a line as follows:
<SERVER_IP> <SERVER_NAME>.<CUSTOMER_NAME>.com
2. Try to resolve the machine name by using the **ping -a** command in CMD to verify that you are getting the FQDN defined above.

Central Management Server (CMS) Fails

Cause

The Central Management Server has failed to start and the installation will fail with the following error messages:

The Central Management Server has failed to start. Press 'Retry' to attempt to start it again or 'Cancel' to skip any actions dependent on the Central Management Server. STW00213.

Reason: [Microsoft][ODBC Driver Manager] The specified DSN contains an architecture mismatch between the Driver and ApplicationBusinessObjects Enterprise CMS: Unable to connect to the CMS system database "BOCMS_sa_xs_bo_cms_xxxxxxx". Reason: [Microsoft][ODBC Driver Manager] The specified DSN contains an architecture mismatch between the Driver and Application CDatabase::Open failure.

View Details

- This problem may be due to the ODBC being created with the 64 bit application instead of the 32 bit application.
- Other reasons the error can occur:
 - Virus software is blocking the installation. Virus scanning software can auto start so even if this was disabled it should be checked again.
 - The BO install is run silently so user account settings could be prompting for approval to install in the background and the prompt is not seen.
 - Windows Firewall.
- Check the general connectivity issues like:
 - Ensure that the FQDN resolves to the IPV4 address and not the IPV6 address.
 - Port 6400 and port 6100 need to be open.
 - Correct server name or IP number.
 - In the SQL database there should be a CMS database. If this is not in place, check the communication with SQL server. Remember things like ensuring **tcp/ip** is enabled and active for the port that is used.

- There should be an ODBC driver that was created. Test the ODBC connection. Look into 32 bit ODBCcreation and/or why the existing ODBC does not connect (username/pass combination, wrong FQDN listed).
- Click **Start > all programs > Business Objects XI 3.1 > BusinessObjects**. There should be many application like designer and the CMC and CCM. If these are not on the server please review: **C:\Program Files (x86)\Business Objects\BusinessObjects Enterprise 12.0\logging\BOEInstall_0.log and ConfigWizard.log**

Solution

The application you want is actually this one:

C:\Windows\SysWOW64\odbcad32.exe

The 32-bit ODBC manager is part of the WOW64 install. This is so that the 64-bit OS can properly set up a 32-bit ODBC connection, and while it's running the BOE installer in a 32-bit memory pool, it can see the connections and use them properly.

Port 80 issues

SQL Reporting Services and World Wide Web services are the two services most likely to take port 80.

Allocation Engine - The transaction log gets full and tries to increase its size while the transaction is still in process

Cause

This issue occurs when the database includes a lot of allocated cost records (a few millions) – these records are inserted into the database during the allocation engine process.

The amount of allocated cost records is dependent on the initial amount of cost records (raw data), the number of scenarios, the number of stages\rules per scenario, and the number of target criteria per rule.

When a large amount of records is inserted into the database by one transaction (for example, while the allocation engine runs on one scenario), it might cause a bottleneck in the transaction log buffer cache. The transaction log fills up and tries to increase its size while the transaction is still in process, causing the process to get stuck. The database server might run out of free space while trying to allocate more space to the transaction log.

View Details

When the problem occurs, the allocation engine runs for a long time (10 minutes and more), and the scenario stays with the “Running” status without completing. One of the errors listed below appears in the fpa.log:

- **The transaction log for database 'XXXX' is full. To find out why space in the log cannot be reused, see the log_reuse_wait_desc column in sys.databases**
- **Could not allocate space for object 'itaapp.xxx' in database 'xxx' because the 'userdata001' filegroup is full. Create disk space by deleting unneeded files, dropping**

objects in the filegroup, adding additional files to the filegroup, or setting autogrowth on for existing files in the filegroup.

Solution

In order to avoid filling up the transaction log, proceed as explained in "[Procedure](#)" below:

Procedure

In order to avoid getting the transaction log full, proceed as follows:

1. Make sure that you use a strong DB machine (32-64 Cores, 32-64GB memory) connecting to a strong Storage system (at least 1.5T).
2. Perform the following database configuration tuning:
 - Set **Transaction Log** at **32GB** with Next Extend 8GB (recommended on different storage device) , and set the **Data** at **76GB** with next extend 500MB (recommended on different storage device).
 - Login to the SQL Server Studio with the **sa** user and password.
 - Right-click your target database and select **Properties**.
 - Select the **Files** page and set the database file sizes to:
For the data file (*.NDF) set the initial size to 76000MB and the next extend to 500MB.
For the data file (*.LDF) set the initial size to 32000MB and the next extend to 8000MB.
 - Set **TempDB** at **16GB** with 5MB for next extend (recommended on different storage device)
 - Login to the SQL Server Studio with the **sa** user and password.
 - Right-click **tempdb** and select **Properties**.
 - Set the initial size to 16000MB and the next extend to 5MB.

If the problem still occurs, use the steps above with larger sizes..

How to back out of a failed installation

If the installation needs to be removed from the server, please follow these steps to ensure a clean uninstall.

1. **HPFPA or HPXS Application**
 - a. Check the installed programs to see if **HPFPA** or **HPXS** is still in the list.

Example: Control Panel\All Control Panel Items\Programs and Features.
 - b. If they are on the list then right-click them and select **Uninstall**.
2. **Business Objects Enterprise and Business Objects Data Services**
 - a. Check the installed programs to see if **SAP Business Objects Enterprise** and **SAP Business Objects Data Services** are in the installed programs list.

Example: Control Panel\All Control Panel Items\Programs and Features

- b. If so, right-click them and select **Uninstall**.
- c. Clean up any remaining directories not removed by the BO uninstall process.
 - i. Check the user's folder for temp files. You may have to enable hidden folders. It is OK to delete the entire temp folder. Delete the **HPFPA** folder if it exists.

Example: C:\Users\Administrator\AppData\Local\Temp.

- ii. Check the roaming profile also.

Example: C:\Users\Administrator\AppData\Roaming\Business Objects

- iii. Check under the users Documents.

Example: C:\Users\Administrator\Documents\My Business Objects Documents

- iv. Remove the Folder structure for the Administrator.

Example: C:\documents and settings\administrator\application data\business objects

3. Database

- a. Delete any databases created in SQL.

Example: HPXS_MGMT, BOE_CMS, BODS, TARGET, STAGING.

- b. Delete any SQL users created by the installation (DWT, ITAAP, etc)

4. ODBC Drivers

- a. To check the ODBC drivers click **Start > Administrative Tools > Data Source**. Under the System DSN tab there will be a list of data sources. Remove any that are related to the BOE installation
- b. To open the 32 bit Data Source double click odbcad32.exe.

Example: C:\Windows\SysWOW64\odbcad32.exe

- c. On the System DSN tab will be a list of data sources. Remove any that are related to the BOE installation. (Note: Although this appears to be the same as the step above, it is actually different. Don't skip this step.

5. Registry

- a. Make a back up of the registry before making any changes. To create a back up of the

registry, click File and select Export.

Note: Ensure that you export the registry to a location that you can access if the server does not come back up.

- b. Check the registry for **HPXS** or **HPFPA** and remove those keys.
- c. Check the registry for **business objects** and **businessobjects** and remove those keys.

Note: Sometimes the WOW6432node is not accessible. When trying to delete the keys under this node a message appeared stating that the user did not have the proper rights. Several registry cleaners were tried but “Resplendence” was the only registry cleaner that would clear this.

6. Services

- a. Ensure that the three HP services are no longer in the Services. HP Analytic server, HP MQ broker, and HP Web server.
- b. If they are still there Open command line and run `sc delete <service name>`

Example: MQ4.5_Broker, HPFPA Tomcat, HPAnalyticWebServer, HPGFStartService

7. Recycle

Recycle the server.

