

**Oracle® Enterprise Single Sign-on Suite Plus  
Reporting**

Installation and Setup Guide

Release 11.1.1.5.0

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## Abbreviations and Terminology

Following is a list of commonly-used abbreviations and terminology.

<b>Abbreviation or Terminology</b>	<b>Full Name</b>
Administrative Console	ESSO-LM Administrative Console
Agent	ESSO-LM Manager
FTU	First Time Use Wizard
ESSO-Anywhere	Oracle Enterprise Single Sign-on Anywhere
ESSO-PG	Oracle Enterprise Single Sign-on Provisioning Gateway
ESSO-LM	Oracle Enterprise Single Sign-on Logon Manager
ESSO-PR	Oracle Enterprise Single Sign-on Password Reset
ESSO-UAM	Oracle Enterprise Single Sign-on Universal Authentication Manager

## About Oracle Enterprise Single Sign-on Suite Plus Reporting

Oracle Enterprise Single Sign-on Suite Plus Reporting provides organizations with the ability to create reports to leverage all data and events that routinely take place in the day-to-day usage of Oracle Enterprise Single Sign-on Suite Plus.

The Reporting sub-system consists of 4 main components:

- **Centralized Database** – contains all event information required for Reporting.
- **Web-based Reporting Administrative Console** – accesses the SQL Database and generates reports using the event records. Reports may also be manually generated by querying the Oracle Database. The Oracle Database is not accessible through the Reporting Administrative Console. If you are using the Oracle Database, you do not need to install the Reporting Administrative Console. Refer to the refer to the *Oracle Enterprise Single Sign-on Suite Plus Reporting Oracle Database Configuration Guide*.
- **SSO Reporting Service** – collects audit/reporting events into the database.
- **Oracle Enterprise Single Sign-on Suite Plus Products** - captures event information and sends the events to the SSO Reporting Service.

### About this Guide

This guide describes the steps to install and configure the Reporting Administrative Console. The instructions in this guide are based on an installation on Windows Server 2003 SP2.



Oracle Enterprise Single Sign-on Suite Plus Reporting version 11.1.1.5.0 is supported on Windows Server 2003 SP2, Windows Server 2008, and Windows Server 2008 R2.

## Installation Overview

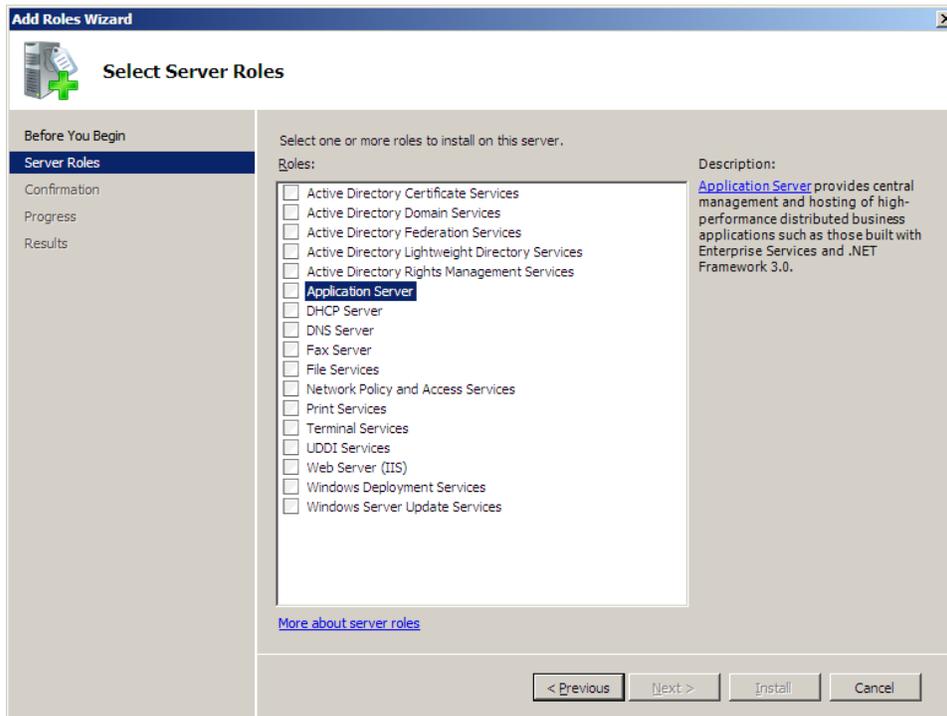
The following is a brief overview of the procedures that you must follow in order to successfully install and configure the Reporting Administrative Console:

- Review the Hardware and Software Requirements and pre-requisites in the *Oracle Enterprise Single Sign-on Suite Plus Release Notes*. Pre-requisites include:
  - .NET Framework 4.0
  - Microsoft IIS with WCF support (see the [Installing Web Server and WCF Support on Windows Server 2008](#) section for more information)
- Configure the Database.
  - For SQL Database, refer to the [Oracle Enterprise Single Sign-on Suite Plus Reporting SQL Database Configuration Guide](#) for information on this.
  - For Oracle Database, refer to the [Oracle Enterprise Single Sign-on Suite Plus Reporting Oracle Database Configuration Guide](#).
- Set up Oracle Enterprise Single Sign-on Suite Plus products to log events to the database. Refer to the *Configuring ESSO-LM to Log Events for Reporting* for more information.
- Install the Oracle Enterprise Single Sign-on Suite Plus Reporting Administrative Console if you are using the SQL Database.
- Manually configure the Connection String registry setting.
- Create a User Account for Anonymous Logon.
- If using SQL Database, log onto the Reporting Administrative Console and begin generating reports.
- If using Oracle Database, refer to the refer to the *Oracle Enterprise Single Sign-on Suite Plus Reporting Oracle Database Configuration Guide*.

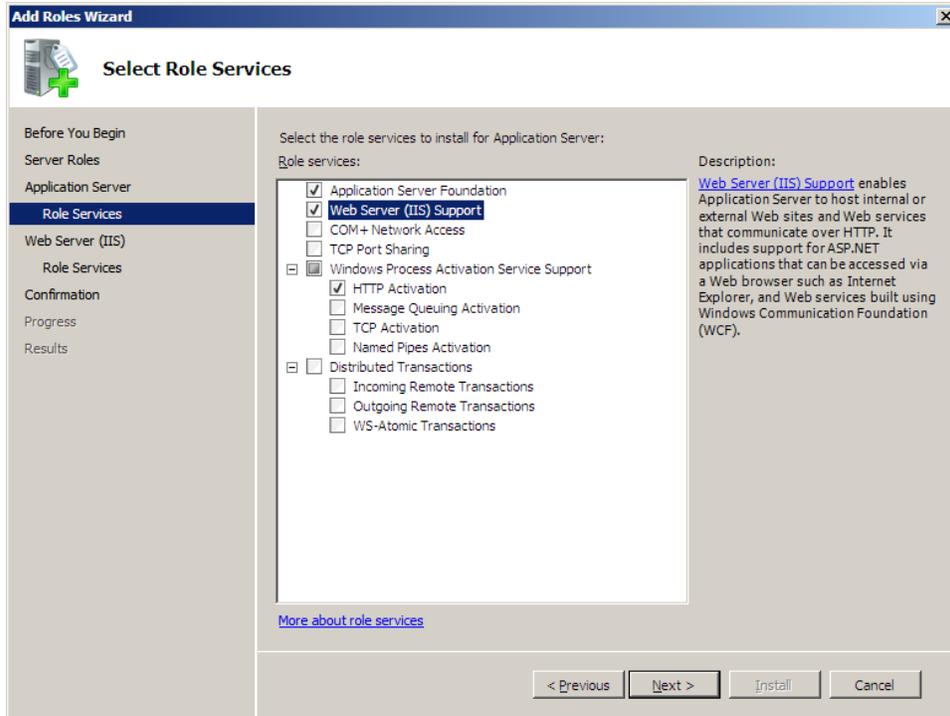
## Installing Web Server and WCF Support on Windows Server 2008

The following instructions are provided to get Web Server and WCF support installed on Windows Server 2008.

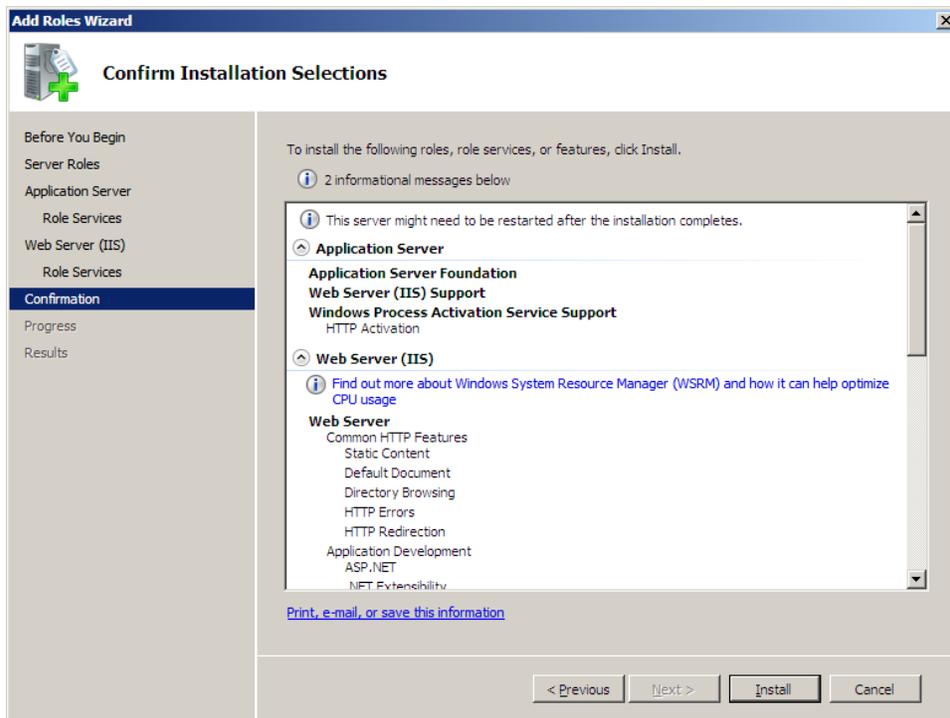
1. Launch the Windows Server 2008 Server Manager.
2. In the left-hand pane, click on **Roles**.
3. In the right-hand pane, click on **Add Roles**. This will take you to the Before you Begin screen. Click **Next**.
4. You are now on the Select Server Roles screen. Click the **Application Server** role checkbox.



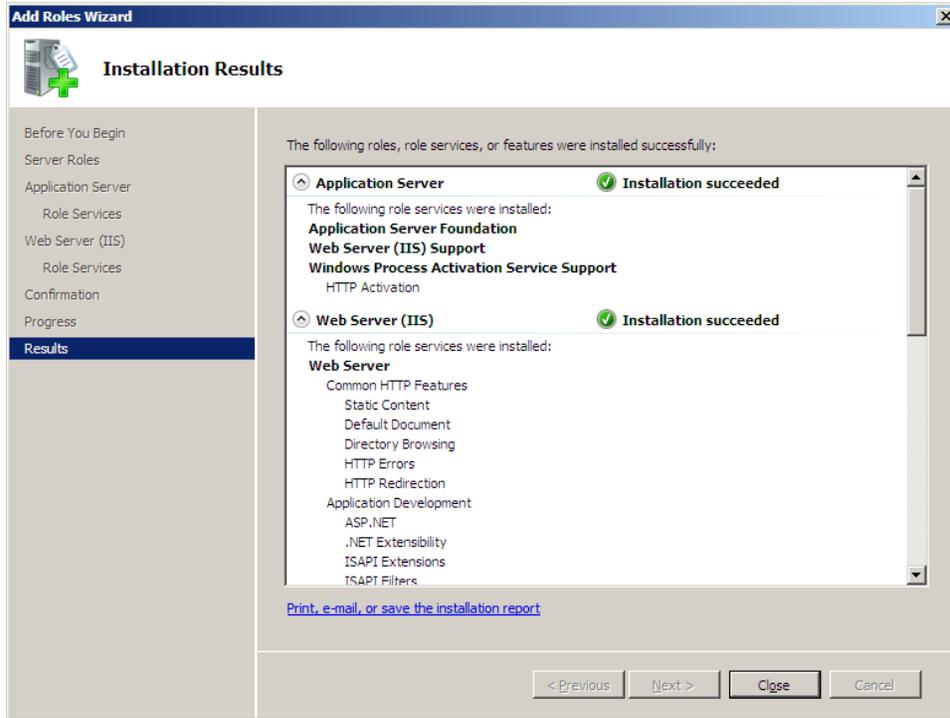
5. The Add Roles Wizard dialog appears. Click the **Add Required Features** button to continue.
6. Click **Next** on the next two screens until you get to the Select Role Services screen for the Application Server role.
7. Click the **Web Server (IIS) Support** role service checkbox.
8. An Add Roles Wizard dialog appears. Click the **Add Required Role Services** button to continue.
9. The Select Role Services screen reappears. Make sure the **HTTP Activation** role service is selected.



10. Click **Next** on the next three screens (accepting all defaults) until you get to the Confirm Installation Selections screen.



11. Click **Install** to begin the installation of the Application Server and Web Server roles.
12. Once installation is complete the Installation Results screen appears.
13. Click the **Close** button to exit out of the Add Roles Wizard.



## Installing the Reporting Administrative Console

Before you begin the installation and configuration process, carefully review the system requirements and verify that your system meets those requirements.

To install and configure the Oracle Enterprise Single Sign-on Suite Plus Reporting Administrative Console:

1. Close all programs.
2. Insert the installation CD in your CD-ROM drive (or start the installation from a shared network drive).
3. In the \Console folder, double-click the installer file. Wait while the installer loads.
4. The Welcome panel appears. Click **Next**.



5. On the Setup Type screen, select **Complete** or **Custom**. Complete installs all program files. Custom allows you to choose which program files are installed and where they are installed. Custom installations are only recommended for advanced users. Click **Next**.
6. The Reporting Administrative Console is ready to be installed. Click **Install**. Wait for the installation to complete. When it is done, click **Finish**.

## Manually Configure Connection String Registry Setting

In order for the Reporting Administrative Console to function properly, after the initial install you will need to manually add the Server Name and Database Name parameters to the Connection String setting in the Registry.

1. Open the Registry. **Start > Run >** type in "regedit".
2. Navigate to HKEY\_LOCAL\_MACHINE\Software\Passlogix\Reporting. On 64-bit platforms, navigate to HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\Passlogix\Reporting.
3. Double click **ConnectionString**.
4. Change the **Value Data** string to reflect the correct Server Name (Data Source) and Database Name (Initial Catalog):

### Reporting Administrative Console Connection String Examples:

*Your own database instance:*

```
Data Source=<Server name>\<DB Instance>;Initial Catalog=<Database name>;Connect Timeout=1200;Pooling=False;MultipleActiveResultSets=True;
```

*Default database instance:*

```
Data Source=<Server name>;Initial Catalog=<Database name>;Connect Timeout=1200;Pooling=False;MultipleActiveResultSets=True;
```

### ESSO-LM Client Connection String Examples:

*If you use your own database instance, use this for the ESSO-LM client:*

```
Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;Initial Catalog=<Database name>;Data Source=<Server name\DB Instance>
```

*If you use a default database instance, use this for the ESSO-LM Client:*

```
Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;Initial Catalog=<Database name>;Data Source=<Server name>
```

## Create a User Account for Anonymous Logon

You must create or identify a dedicated Anonymous User account through which Reporting users and administrators access Reporting Web Services. This Anonymous User account should be a member of the Administrators group.

Because the default Anonymous User account in IIS, `IUSR_MACHINE_NAME`, is not a member of the Administrator group, you must create or choose a domain user account that is an Administrator; this will allow the account to perform the following tasks:

- Write to the local-machine registry HKLM. To create a new user account or assign Administrator rights to an existing account, use the Active Directory Users and Computers console (for an Active Directory domain) or the Computer Management console (for non-AD domains)
- Delete generated reports from the reporting console

The user account you create or choose is specified as the Anonymous User dialog of the Services tool during this step.

### To do this with Windows Server 2003:

1. Launch the IIS Manager.
2. Locate the Reporting node in the tree, right-click on it, and click **Properties**.
3. Click the **Directory Security** tab and click the **Edit** button next to **Anonymous Access**.
4. Check the **Anonymous Access** checkbox and enter the username and password of the anonymous user. The anonymous user must have local administrative access.

### To do this with Windows Server 2008:

1. Launch the IIS Manager.
2. Expand the computer node.
3. Expand the **Sites** node and then expand the **Default Web Site** node.
4. Click on the **Reporting** web application.
5. On the right side, under the IIS section, double-click the **Authentication** icon.
6. Right-click the **Anonymous Authentication** item and select **Edit**.
7. On the Edit Anonymous Authentication Credentials dialog make sure the **Specific User** radio button is selected and click the **Set** button.
8. In the Set Credentials dialog, type in a username and password for a user account with Administrative privileges on the local machine. Confirm the password and click **OK**.

## Next Steps

Once the Reporting Administrative Console is installed and reporting event logging is set up, you can log on and begin generating reports.

### Accessing the Reporting Administrative Console

1. Launch a Web browser.
2. Enter the following URL: `http://<server>/Reporting/Logon.aspx`.
3. Log on.



If it is not already installed, you may be prompted to install Microsoft Silverlight when you first access the Reporting Administrative Console. You must have Microsoft Silverlight installed to use the console.

### Generate Reports

For more information, see the Reporting Administrative Console online help, or refer to the *Oracle Enterprise Single Sign-on Suite Plus Reporting Administrator Guide*.