Oracle® Enterprise Single Sign-on Provisioning Gateway

Release Notes

Release 11.1.1.2.0

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Oracle Enterprise Single Sign-on Provisioning Gateway, Release Notes, Release 11.1.1.2.0

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Table of Contents

Abbreviations and Terminology

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

Abbreviation or Terminology	Full Name
Administrative Console	ESSO-LM Administrative Console
Agent	ESSO-LM Agent
FTU	First Time Use Wizard
ESSO-AM	Oracle Enterprise Single Sign-on Authentication Manager
ESSO-Anywhere	Oracle Enterprise Single Sign-on Anywhere
ESSO-PG	Oracle Enterprise Single Sign-on Provisioning Gateway
ESSO-KM	Oracle Enterprise Single Sign-on Kiosk Manager
ESSO-LM	Oracle Enterprise Single Sign-on Logon Manager
ESSO-PR	Oracle Enterprise Single Sign-on Password Reset

About ESSO-PG

Oracle is releasing version 11.1.1.2.0 of Oracle Enterprise Single Sign-on Provisioning Gateway (ESSO-PG). These release notes provide important information about this release. The information in this document supplements and supersedes information in the ESSO-PG product documents.

The following topics are discussed:

- What's New in ESSO-PG 11.1.1.2.0
- What's Changed in ESSO-PG 11.1.1.2.0
- Resolved Issues
- Open Issues
- Hardware and Software Requirements

What's New in ESSO-PG

Added Operating System Support

ESSO-PG 11.1.1.2.0 supports the following operating systems:

- Windows Server 2003 (64 bit)
- Windows Server 2003 SP2 (64 bit)
- Windows 7 (32 bit and 64 bit)
- Windows Server 2008 - Enterprise Edition (32 bit and 64 bit)
- Windows Server 2008 R2

Support for Reporting

This version of ESSO-PG supports the new Oracle Enterprise Single Sign-on Suite Reporting. Reporting includes a Web-based administrative console that accesses an SQL database and generates reports using the event records. You can 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.

Polish Language Support

All user interfaces and documents for ESSO-PG 11.1.1.2.0 are available in Polish.

What's Changed in ESSO-PG

Improved Online Help

This version of ESSO-PG introduces a new online help system with a smoother look and feel, and more intuitive navigation.

Connectors and Documentation Available

The ESSO-PG connectors are now available separately from the ESSO-PG product.

Documentation for the connectors is also available at:

Home > Downloads > Oracle > ESSO Provisioning Gateway > ESSO-PG 11.1.1.2.0

Resolved Issues

Issues that were reported in earlier releases of ESSO-PG that have been resolved in this release include:

Tracking Number	Description of Issue
a10274, s4351	The ESSO-PG Server worked very slowly when processing a large number of credentials. The issue was detected with ADAM but was true for all other storage types.
a11623 s4479	When the ESSO-PG Client was installed on the ESSO-LM Agent, the Agent would not start until synchronization is complete.
a11615 s4602, s4634	ESSO-PG and ESSO-LM created and used different credential container names depending upon which version of each product was used to create the container and which version was used to read the container. ESSO-PG and ESSO-LM also created and used credential container names based on the CN of the user when the credential container was stored in a location pointed to by the locator object.
a12927, s6490	The ESSO-PG OIM Connector did not support the provisioning of resources to users with a non-provisioned status, such as 'disabled' or 'enabled' users.
a14656, s7961	The Java CLI Guide contained a typographical error that, when used, caused an "invalid parameter" error.
a11488	Log entries that describe actions to delete provisioning instructions from the ESSO-PG Management Console were not specific enough to indicate which instructions were deleted.
a13189	Applications that were created on-the-fly in ESSO-LM were not aligned properly when appearing in the ESSO-PG Management Console.

Open Issues

This section describes issues that remain open in this release.

Tracking Number	Description
a11163	On theESSO-PG Console, using Active Directory with Configuration Objects, an authorized user cannot delete all logons: 1. From the ESSO-LM Administrative Console, an administrator is given Add, Modify, and Delete permissions to an application from its provisioning tab, then pushes the application to the repository CO. 2. From the ESSO-PG Console, the administrator selects a user in the user list and selects Delete All Logons and receives the error message, "The user is not authorized for this action." To work around this issue, delete the SSO user and delete each logon.
a11234	The Management Console displays on-the-fly credentials created by the Client. There is no work around for this issue.
a11352	From the ESSO-PG Management Console, a user was unable to delete SSO users in Sun Directory repositories even after assigning the Delete SSO User right in the ESSO-LM Administrative Console. The user received the error message: "The user is not authorized for this action." To work around this issue, from the ESSO-LM Administrative Console, delete the SSO User.
a11373	ESSO-PG Console: An error was received when an administrator attempted to query users on IBM Tivoli LDAP repositories after a prolonged period of connection inactivity. To work around this issue, navigate to either **Settings** > **Storage** or **Settings** >**Event Log**. The error will be eliminated and the console will function normally again.

Hardware and Software Requirements

The ESSO-PG hardware and software requirements are listed under the following sections:

- Supported Operating Systems
- System Requirements
    - Disk Space Requirements
    - Memory Requirements
    - Processor Requirements
- Software Prerequisites
    - ESSO-LM
    - Microsoft .NET Framework
    - Microsoft IIS
    - Microsoft Web Services Enhancements
- Repositories
- Databases
- Browsers
- Installer Requirements
- Certificate Requirements

Supported Operating Systems

The ESSO-PG Server is supported on the following operating systems:

Operating System	Versions Supported
Microsoft Windows Server	2008 R2, 2008 (32-bit and 64-bit), 2003 SP2 (32-bit and 64-bit)

The ESSO-PG Client is supported on the following operating systems:

Operating System	Versions Supported
Microsoft Windows XP Professional	SP3 (32-bit)
Microsoft Vista	Business Edition SP1 (32-bit)
Microsoft Windows 7	Enterprise Edition (32-bit and 64-bit)
Microsoft Windows Server	2008 (32-bit and 64-bit), 2003 SP2 (32-bit and 64-bit)

System Requirements

The ESSO-PG components system requirements are as follows:

Disk Space Requirements

Disk space requirements for the Client Plug-in:

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	<1 MB	10 MB	<1 MB
EXE	<1 MB	10 MB	<1 MB

Disk space requirements for the CLI:

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	25 MB	50 MB	2 MB
EXE	25 MB	50 MB	2 MB

Disk space requirements for the Server:

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	7 MB	20 MB	2 MB
EXE	7 MB	30 MB	2 MB

Other Disk Space Requirements

The following components require additional disk space requirements:

- Microsoft .NET Framework 2.0: 20 MB hard drive space (if not present)

A note about the MSI and EXE installers

The disk space requirements are different for the MSI and EXE installers as there are differences in the capabilities of these installers:

- The EXE installer file includes Microsoft .NET Framework version 2.0, which is a requirement for ESSO-PG.
- The EXE installer file can be run in multiple languages. The MSI file is English-only.

Memory Requirements

Memory Requirements for the Client Plug-in:

- Minimum: 256 MB RAM
- Recommended: 512 MB RAM

Memory Requirements for the CLI:

- Minimum: 256 MB
- Recommended: 512 MB

Memory Requirements for the Server:

- Minimum: 512 MB RAM
- Recommended: 2 GB RAM

> Although this application can run in an environment with the minimum amount of memory installed, the computer's memory usage should be monitored and additional memory added as needed. A low memory condition can cause this application to fail.

Processor Requirements

Processor Requirements for the Client Plug-in:

- Minimum: 1 GHz processor
- Recommended: 2 GHz processor

Processor Requirements for the Server:

- Minimum: 1 GHz Opteron- or Xeon-class processor
- Recommended: 2 GHz dual-processor Opteron- or Xeon-class processor

Software Prerequisites

The ESSO-PG components require the following software:

ESSO-LM

- ESSO-LM 11.1.1.2.0

Microsoft .NET Framework

- Microsoft .NET Framework 2.0 is required for the Management Console.

Microsoft Internet Information Server

- Microsoft IIS 6.0 and Microsoft IIS 7.0

> If Active Directory or ADAM is used, the anonymous account used in IIS must have administrative privileges and the server must be joined to the domain.

Microsoft Web Services Enhancements

- Microsoft Web Services Enhancements 3.0 (WSE 3.0) (installed by ESSO-PG)

Repositories

Repository	Versions Supported
Microsoft Active Directory	2008, 2003, 2000
Microsoft Active Directory Application Mode	2003 SP1, 2003
Microsoft Active Directory Lightweight Directory Services	2008
Microsoft SQL	2008, 2005
Oracle DB	11g, 10g
Oracle Internet Directory	10.1.4.0.1
IBM LDAP Directory	v3
Sun Java System Directory Server	DSEE 6.3, 5.2
Novell eDirectory	8.8 SP5, 8.8 SP1

Web Servers

Server	Versions Supported
Microsoft Windows Server 2003 IIS	6.0
Microsoft Windows Server 2008 IIS	7.0

Databases (only required if using Event Logging)

Databases	Versions Supported
Microsoft SQL Server	2005
Microsoft SQL Server Express Edition	2005
Microsoft SQL Server Desktop Engine (MSDE)	2000
Oracle Database Management System	10g

Browsers

Browser	Versions Supported
Internet Explorer	6.0, 7.0 (with 128-bit encryption)
Mozilla Firefox	1.0, 2.0

Installer Requirements

To install ESSO-PG, you must have administrative privileges for the ESSO-PG/IIS server.

Certificate Requirements

An X.509 Certificate for SSL must be obtained from a Certificate Authority.

A Trusted Root CA Certificate should also be downloaded from your Certificate Authority into the list of trusted root CAs on the local computer.

For more information, see the Enable SSL section in the *ESSO-PG Installation and Setup Guide.*

A certificate setup guide is provided with the ESSO-PG documentation suite. If you have not set up a certificate authority and want to use Microsoft Certificate Services to obtain certificates, refer to the *ESSO-PG Certificate Setup Guide* which walks you through obtaining the necessary certificates using Microsoft Certificate Services.

Product Documentation

The following documents support this product:

- *ESSO-PG Installation and Setup Guide*
- *ESSO-PG Getting Started Guide*
- *ESSO-PG Administrator Guide*
- *ESSO-PG Minimum Permissions Guide*
- *ESSO-PG Certificate Setup Guide*
- *ESSO-PG CLI Guide*
- *ESSO-PG .NET CLI SDK Guide*
- *ESSO-PG Java CLI SDK Guide*

The following connector documents support this product:

- *ESSO-PG SIM Integration and Installation Guide*
- *ESSO-PG TIM Integration and Installation Guide*
- *ESSO-PG OIM Connector Guide*