Oracle© Enterprise Single Sign-on Anywhere

Release Notes

Release 11.1.1.2.0

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Oracle Enterprise Single Sign-on AnywhereRelease Notes, Release 11.1.1.2.0

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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	Logon Manager
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 This Release

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

What's New

ESSO-Anywhere is the latest innovation in portable single sign-on (SSO) technology, enabling deployment of ESSO-LM and other Oracle products to end users' desktops.

Enterprise single sign-on deployments have traditionally required standard installation strategies for the client software. Administrators have either had to set up installation packages or rely on end users to install the client themselves. In addition to being inefficient and presenting potential complications, this approach limited ESSO use to network computers. Individuals requiring access to corporate applications from home or other non-network PCs were unable to take advantage of ESSO's password management capabilities.

Oracle ESSO-Anywhere changes the paradigm. As the first on-demand SSO client, ESSO-Anywhere simplifies ESSO deployments for system administrators while also extending the benefits of single sign-on to new usage scenarios. Now end users can trigger Oracle's automated credential entry with a simple click on a Web site. The ESSO-Anywhere functionality is identical to that of the installed edition and is available for all relevant modules of the Oracle suite.

Following are the major features of this product.

Installation Anywhere

After the ESSO-Anywhere deployment package is complete and available to users through a Web server or network file share, installation of the Oracle software can take place from anywhere at any time, without a need for participation by an administrator. The On Demand approach avoids installation problems since writing to the Windows registry and installing Oracle software to the Program Files directory is no longer required. Installation is now possible for remote, mobile, and temporary users without having to worry about specific configurations of those systems.

Single Deployment Package

An administrator can quickly create, configure, test, and deploy a package containing the Oracle Agent versions of ESSO-LM, ESSO-AM, andESSO-PG. The package can be deployed to a Web server or a network file share. When an end user wants to install the application, he or she clicks a button on a Web page or double-clicks a file on the file share. The application is then downloaded, installed, and started on the end user's computer.

Automatic Updates and Rollbacks

Software updates and rollbacks can be applied automatically and managed from a central location. Using different deployment versions, administrators can ensure that users with different needs have the suitable deployment package for compatibility with their authentication methods. Administrators can also specify whether users have the choice to update versions or if updates are mandatory. Users do not need administrative rights to perform the updates.

Open Issues

This section describes issues that remain open in this release.

Tracking Number	Description
a10864	If you uninstall ESSO-Anywhere without first shutting down the ESSO-LM Agent, the ESSO-Anywhere files are not deleted. This is because the files are in use by the Agent and locked.
	To remove the files manually, delete the ESSO-Anywhere folder and its contents. The folder has a randomly generated name and can be found in one of the following locations, depending on the operating system:
	Windows 2000 and XP: `Documents and Settings\(User)\Local Settings\Apps\2.0`
	Windows Vista: `Users\(User)\AppData\Local\Apps\2.0`
a10869	The option to download an updated package on the client side does not appear after skipping the update the first time it is offered. When the ESSO-Anywhere client starts, it checks whether a newer version is available on the server and prompts the user to update if a newer version is found. If the user chooses not to update when prompted, ESSO-Anywhere will not prompt the user again until a subsequent version is available.
	The user can update ESSO-Anywhere manually by following the support URL listed in the Oracle Enterprise Single Sign-on Anywhere entry in the Add/Remove Programs applet.
a10910	Because ESSO-Anywhere installs into the user's home folder rather than the Program Files folder, the default security policy on Windows Vista deployments prevents ESSO-Anywhere from executing due to insufficient permissions.
	See the Technical Notes section for a thorough discussion of Windows Vista installation.

Hardware and Software Requirements

This section lists the ESSO-Anywhere hardware and software requirements.

Supported Operating Systems

ESSO-Anywhere is supported on the following operating systems:

Operating System	Versions Supported
Microsoft® Windows® 2000	SP4
Microsoft Windows XP	SP2
Microsoft Windows Vista	Business Edition *(requires a policy to be set; see the Technical Note)*
Microsoft Windows Server 2003	SP1 *(supported for the ESSO-Anywhere Console only)*

System Requirements

The ESSO-Anywhere Console system requirements are as follows. All hardware and software prerequisites of the Oracle products included in your deployment package apply in addition to these requirements.

Disk Space Requirements

A complete installation requires approximately 5 MB of disk space. This is for the ESSO-Anywhere Console only.

Other Disk Space Requirements

The following components require additional disk space:

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

Memory Requirements

A complete installation requires a 1 GHz Pentium-compatible processor and 256 MB RAM.

Software Prerequisites

- Windows Installer 3.0 is required for the MSI installer file.
- Microsoft .NET Framework 2.0 is required for the deployment.
- **Web Deployments**: Microsoft Internet Information Server 5.0 and 6.0

Oracle Products

The ESSO-Anywhere components are compatible with the following Oracle product versions:

- ESSO-LM Administrative Console and Agent: 11.1.1.2.0
- ESSO-AM: 11.1.1.2.0
- ESSO-PG 11.1.1.2.0

Note: ESSO-Anywhere is designed for compatibility with ESSO-PG 11.1.1.2.0. See the release notes for the individual products for more information about specific requirements.

Technical Notes

This section describes important technical information about this release.

ESSO-Anywhere Does Not Support the Following ESSO-LM Features

- **Windows Authenticator v2 GINA**. The Windows Authenticator v2 GINA component is not supported. ESSO-Anywhere does not support installing GINAs.
- **Windows Authenticator v2 Network Provider**. The Windows Authenticator v2 Network Provider component is not supported. ESSO-Anywhere does not support installing Windows services.

> **Note**: ESSO-Anywhere supports all Windows Authenticator v2 functionality except the GINA and Network Provider. There is no workaround to enable the unsupported Windows Authenticator v2 functionality.

Default Security Policy on Windows Vista Prevents ESSO-Anywhere from Running

Because ESSO-Anywhere installs into the user's home folder, rather than the Program Files folder, the default security policy on Windows Vista deployments prevents ESSO-Anywhere from executing due to insufficient permissions. (By default, the Program Files folder is recognized as a secure location, while the user's home folder is not.)

To solve this issue, do the following:

- Modify the Group Policy Object (GPO) and disable the setting **User Account Control: Only elevate UIAccess applications that are installed in secure locations**. The location of this setting in the GPO is: `Computer Configuration\Windows Settings\Security Settings\Local Policies\Security Options\`.
- Apply the modified policy to the domain using standard group policy practices.

You will still be protected from unauthorized code access since applications must also pass the PKI signature check in order to execute, regardless of the state of the above setting.

For more information on this security setting, see the following Microsoft Vista TechCenter article: http://technet2.microsoft.com/WindowsVista/en/library/c6c673db-0e8b-43da-95ad-2280cb0a7ab01033.mspx?mfr=true

Script Required for Microsoft IIS 6.0 Deployment

By default, Microsoft IIS 6.0 does not serve the three files types used by ESSO-Anywhere (.application, .deploy,and .manifest). Administrators planning to deploy ESSO-Anywhere using an IIS 6.0 Web Server must run thescript included on the ESSO-Anywhere CD. To run this script, double-click the file `IisAddMimeTypes.vbs` in the `(CD Root)\Utility` folder and follow the prompts.

Attempting to deploy ESSO-Anywhere without running this script results in the error HTTP 404. For a complete discussion of IIS 6.0 and unsupported MIME types, see the Microsoft Web site.

ESSO-Anywhere Creates Non-Functional Deployments with ESSO-PG 10.1.4.0.2 Installed

ESSO-Anywhere is designed for out-of-the-box compatibility with ESSO-PG 11.1.1.2.0. If you install ESSO-PG 10.1.4.0.2 on your master ("template") machine, the support6.dll file is overwritten with a version that is incompatible with ESSO-Anywhere. A deployment package created via ESSO-Anywhere in this scenario will result in a non-functional deployment on the end-user machine.

To reinstall the correct file, do the following on your master machine:

- Delete the support6.dll file from the ESSO-LM installation directory. The default path is `\Program Files\Passlogix\v-GO SSO`.

- Open the **Add/Remove Programs** applet, launch the ESSO-LM installer, and repair the ESSO-LM installation by following the installer prompts. The repair process reinstalls the correct version of the support6.dll file.

Product Documentation

The following documents support this product:

- *ESSO-Anywhere Administrator Guide*
- *ESSO-Anywhere Getting Started Guide*
- *ESSO-Anywhere Installation and Setup Guide*
- *ESSO-Anywhere Release Notes*
- *ESSO-LM User Guide*
- Oracle Online Documentation Center