Oracle© Enterprise Single Sign-on Password Reset

Release Notes

Release 10.1.4.1.0

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Oracle Enterprise Single Sign-on Password Reset Release Notes, Release 10.1.4.1.0

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Table of Contents

ESSO-PR 10.1.4.1.0

Oracle® is releasing version 10.1.4.1.0 of Oracle Enterprise Single Sign-on Password Reset (ESSO-PR). 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 in ESSO-PR 10.1.4.1.0

ESSO-PR delivers a secure, easy to use and administer self-service password-reset solution for the Windows password. It encourages enrollment and adoption as it provides a convenient means for accessing the reset process.

The major new features of this product include:

Random Question Pool

The new random question pool feature allows the administrator to set the total point value that end users must accumulate in order to complete the enrollment interview process. This threshold removes the previous requirement that the administrator had to configure required questions with enough total value in points to meet the Authentication Success Level.

ESSO-PR now allows administrators to configure questions with enough points to meet the Enrollment Level by counting both the required and optional questions. The Enrollment Level must be equal to or greater than the Authentication Success Level.

With both the Enrollment Level and Authentication Success Level thresholds, users now have the flexibility to select questions that they want to answer out of a pool of questions. This flexibility reduces the likelihood that all users must answer an identical set of questions in order to reset passwords, thereby increasing security.

The enrollment interview now includes a progress bar that shows their progress (by percentage) in satisfying the enrollment level threshold. If the user reaches the end of the question set without enough points to meet the enrollment level, ESSO-PR will provide a message stating that the user has not reached the minimum enrollment threshold and must answer additional questions. ESSO-PR will then begin the optional question set, prompting the user to answer questions that were previously skipped.

The Enrollment Level is configured on the Settings page in the ESSO-PR Management Console.

For more information on using this feature, refer to the *ESSO-PR Management Console Guide* or online help.

Customizable Error Messages

The administrator now has the ability to edit common error messages to make them more helpful in assisting the user to rectify compliancy issues with password and account policies.

For more information on this feature, see the *ESSO-PR Management Console Guide*.

Resolved Issues

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

Tracking Number	Description of Issue
a10503	The ESSO-PR Client does not pre-populate the last logged-on user information in Windows Vista.
s4911, s5322, s5326, s5263	User could not reset his password with ESSO-PR when the Minimum Password Age Active Directory policy was set to a number greater than zero and the user entered a new password that did not pass the AD password policy.
a11037	The ESSO-PR product documentation and online help contained incorrect information in the External Validators section.
s5255	The ESSO-PR product documentation and online help contained incorrect information about the default value and the acceptable value range for the Minimum Occurrences field.
s5016, s5121, s5137, s5288, s5356	Users experienced a long delay when using the fingerprint reader to log on to some Lenovo Thinkpads when ESSO-PR was installed.
s5176, s5304	The Enrollment Welcome page indicated that the E-mail address was an optional piece of information when it was configured to be required.
s5073, s5185, s5200, s5254, s5427, s5480, s5514	ESSO-PR did not function properly when it was installed on a domain that had been configured with a non-default NetBIOS domain name.

Open Issues

This section describes issues that remain open in this release.

Tracking Number	Description
a10527	ESSO-PR does not record events in Syslog servers when users cancel enrollment from the Enrollment Welcome screen.
a10547	In Windows Vista, the User Account Control dialog box for a non-administrator contains a cosmetic issue in which part of the reset prompt is not visible.

Hardware and Software Requirements

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

- Supported Operating Systems
- System Requirements
- Disk Space Requirements
- Memory Requirements
- Processor Requirements
- Software Prerequisites
- Microsoft .NET Framework
- Microsoft IIS
- Repositories
- Browsers
- Installer Requirements

Supported Operating Systems

The ESSO-PR components are supported on the following Operating Systems:

Operating System	Versions Supported	Browsers
Microsoft® Windows® 2000	SP4	Internet Explorer 6.0 SP2
Microsoft Windows XP (client only)	SP2, SP3	Internet Explorer 6.0, 7.0
Microsoft Windows Server 2003	SP2	Internet Explorer 6.0 SP2
Microsoft Windows Server 2003 R2	SP2	Internet Explorer 6.0 SP2
Microsoft Vista (client only)	Business Edition, Business Edition with SP1	Internet Explorer 7.0

System Requirements

The ESSO-PR components system requirements are as follows:

Disk Space Requirements

Disk space requirements for the Client:

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI:	10 MB	15 MB	0 MB
EXE:	10 MB	25 MB	0 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:	44 MB	20 MB	1 MB
EXE:	44 MB	50 MB	1 MB

Other disk space requirements

The following components require additional disk space requirements (Server only):

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

A note about MSI installer vs. EXE installer:

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-PR (Server only).
- The EXE installer file can be run in multiple languages. The MSI file is English-only.

Memory Requirements

Memory requirements for the Client:

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

Memory requirements for the Server:

- Minimum: 512 MB RAM
- Recommended: 1 GB RAM

> **Note:** 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:

- Minimum: 550 MHz processor
- Recommended: 1 GHz processor

Processor requirements for the Server:

- Minimum: 733 MHz processor
- Recommended: 1.6 GHz processor

Software Prerequisites

The ESSO-PR Server software prerequisites are as follows:

ESSO-LM

If using ESSO-LM, this release requires version10.1.4.0.5 with Fix Pack 4 applied.

Microsoft .NET Framework

Microsoft .NET Framework 2.0 is required for the ESSO-PR Web service.

Microsoft Internet Information Server:

- Microsoft IIS 5.0 or Microsoft IIS 6.0.
- The ESSO-PR Server application and IIS must reside on the same server.

Repositories:

Repository	Versions Supported
Microsoft Active Directory	2000, 2003
Microsoft Active Directory Application Mode	2003 SP1
Oracle Database Management System	10g
Microsoft SQL Server	2000

Notes

- The Active Directory server or ADAM instance (that is, Active Directory running as a user service) can be on any server in the same domain as the IIS server.
- The Microsoft .NET Framework Data Provider for Oracle enables data access to Oracle data sources through Oracle client connectivity software. The data provider supports Oracle client software version 10g. The Microsoft .NET Framework Data Provider for Oracle requires that Oracle client software (version 10g) be installed on the system before you can use it to connect to an Oracle data source.

  The Microsoft .NET Framework Data Provider for Oracle requires the installation of MDAC 2.6 or later.

  The necessary connection strings need to be formatted as follows:

  Oracle Provider:
  Provider=OraOLEDB.Oracle;Data Source=MyOracleDB;
  User Id=myUsername;Password=myPassword

Browsers:

Browser	Versions Supported
Internet Explorer	6.0, 7.0

Note: 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.

Installer Requirements

To install ESSO-PR, you will need to have administrative privileges for the ESSO-PR/IIS server. You will need to provide the following information to configure Active Directory or ADAM:

- The host name of the server for Active Directory or the ADAM instance
- The port number of Active Directory or the ADAM instance
- The distinguished name of the AD/ADAM domain root.

Technical Notes

This section describes important technical information about this release.

Excluding Users and Groups from Forced Enrollment

ESSO-PR does not support forced enrollment exclusion with primary groups. Only non-primary Active Directory groups are supported. For more information on using this feature, see the Service Settings section in the *ESSO-PR Management Console Guide*.

Active Directory Schema Error

Schema error (code 35) occurs when applying Active Directory storage settings in ESSO-PR under IIS 5.0 (Windows 2000 Server).

This error occurs when ESSO-PR Server is installed in an environment that uses Windows 2000 Server (which uses IIS 5.0) and AD as the storage container. The security settings for VgoSelfServiceReset are configured under IIS 5.0.

On the System tab of the ESSO-PR Management Console, if a schema is configured to use AD as ESSO-PR's storage settings, once the Submit button is clicked the following schema error is returned:

"Error saving changes: Error saving schema: 0x35."

Error code 35 indicates that AD did not allow an update to the schema. You must enable "Write" access to the schema to correct this error. For more information about resolving this problem, refer to Microsoft's "Schema Updates Require Write Access to Schema in Active Directory" support article Q285172 for more information (http://support.microsoft.com/default.aspx?kbid=285172).

Upgrading for SQL Server Users

Versions of ESSO-PR prior to Fix Pack 1 did not adhere to case sensitivity when submitting Users page queries to SQL databases, which would result in an error message. See Installation and Configuration Notes in the *ESSO-PR Server Installation and Setup Guide* for a workaround for this issue that requires changing a design table heading manually.

ESSO-PR Fix Pack 1 has resolved this issue. However, depending on your upgrade path, your installation might still require this manual change. The following table illustrates the various upgrade paths for ESSO-PR and what to do based on the path you have taken.

Version/ Upgrade Path	Issue	Workaround
10.1.4.1.0/ New installation	Issue resolved	Not necessary
10.1.4.1.0/ Upgrade from 10.1.4.0.2 Fix Pack 1	Issue resolved	Not necessary
10.1.4.1.0/ Upgrade from 10.1.4.0.2 or prior	SQL Case Sensitivity	Rename Design Table (see *ESSO-PR Server Installation and Setup Guide*)

Product Documentation

The following documentation supports this product:

- *ESSO-PR Client Installation and Setup Guide*

- *ESSO-PR Server Installation and Setup Guide*

- *ESSO-PR Management Console Guide*

- *ESSO-PR User Guide*

- *ESSO-PR Schema Extension Guide*