

Oracle® Real User Experience Insight

Release Notes

13.2.2.1 for Linux x86-64

E85474-01

March 2017

Oracle Real User Experience Insight (RUEI) provides you with powerful analysis of your network and business infrastructure. You can monitor the real-user experience, define Key Performance Indicators (KPIs) and Service Level Agreements (SLAs), and trigger alert notifications for incidents that violate them.

RUEI is a Web-based utility to report on real-user traffic requested by, and generated from, your Web infrastructure. It measures the response times of pages and user transactions at the most critical points in your network infrastructure. An insightful diagnostics facility allows Application Managers and IT technical staff to perform root-cause analysis.

This document provides information about the changes introduced to Oracle Real User Experience Insight (RUEI) in release 13.2.2.1. Known issues and limitations are also described. It is recommended that you review its contents before installing the product or upgrading to this version of the product.

This document contains the following sections:

- [Section 1, "New Features Included in Release 13.2.2.1"](#)
- [Section 2, "Upgrade Support Versions"](#)
- [Section 3, "Known Limitations"](#)
- [Section 4, "Bugs Fixed"](#)
- [Section 5, "Product Documentation"](#)
- [Section 6, "Documentation Accessibility"](#)

Important

If you are upgrading from a release other than the most recent previous release, it is *strongly* recommended that you review the *Release Notes* for each of the intermediate releases for information about possible compatibility issues. This information is available at the following location:

<http://www.oracle.com/technetwork/documentation/realuserei-091455.html>

1 New Features Included in Release 13.2.2.1

This release includes the following new features:

1.1 Improved Processing Performance

This release improves overall processing by more efficiently invoking of background processes.

RUEI no longer uses statistical (S_*) tables and the related DB materialized views. Configuration changes are no longer temporarily blocking processing, as these are prepared in background. As well as invalid configurations won't become active, preventing it from breaking active processing.

1.2 IPv6 Support

This release supports monitoring of IPv6 network traffic.

Note: This release does not support running RUEI itself on an IPv6 network

1.3 TLS 1.2 Support

This release adds TLS 1.2 support for encrypt-then-MAC, extra padding and extension header, specifically 'Extended Master Secret' functionality, within SSL messages.

1.4 Collector Performance Drop Statistics

This release adds reporting on internal (e.g. PP_RING buffer) dropped traffic within the collector statistics

For more information, see Viewing the Status of the collector of the *Oracle Real User Experience Insight User Guide*.

1.5 KPI Interval Configuration

This release adds KPI interval configuration. This is especially useful to offload heavy loaded database environments by calculating KPIs less often than every minute.

For more information on how to configure intervals for KPIs, see Defining KPIs and SLAs of the *Oracle Real User Experience Insight User Guide*.

1.6 Custom Pattern on Naming Schemes

This release adds the ability to use Custom Pattern source on both request and response for User IDs, Locale, and Custom Dimensions.

Also, the Custom Pattern source can now be used for naming schemes on applications and web service configurations.

For more details, see Defining Applications of the *Oracle Real User Experience Insight User Guide*.

1.7 Remote Database Service Support

This release supports RUEI to be set up on a remotely created database instance. This means RUEI remote database setup can now also be performed on remote access (SQL) only database instances.

For more information, see Appendix K Running ruei-prepare-db.sh of the *Oracle Real User Experience Insight Installation Guide*.

1.8 Enriched KPI Data Exchange Status Details

This release adds two new status codes to have a clearer distinction of the 'unknown' status within the KPI Data Exchange functionality.

For more information, see Appendix S Enriched Data Export Facility of the *Oracle Real User Experience Insight User Guide*.

1.9 Suite Identification based on URL Arguments

This release adds support for using URL arguments within suite identification rules.

For more information, see Working with Suites of the *Oracle Real User Experience Insight User Guide*.

1.10 Command Line Interface for Uploading of Named Clients

This release adds CLI support for uploading named clients.

For more information, see Uploading Named Clients from file of the *Oracle Real User Experience Insight Admin Guide*.

1.11 Setting up RUEI against a remote database Service

In this release RUEI is certified on Pluggable Database and runs fine on it.

2 Upgrade Support Versions

This release supports upgrading from 13.1.x.x versions.

When upgrading 12.1.x.x, you should upgrade from 13.1.x.x version first.

When upgrading 11.1.x, you should upgrade from 12.1.x.x version first followed by an upgrade of 13.1.x.x.

3 Known Limitations

Currently the logical client IP addresses extracted from 'Akamai TCP header' can only be IPv4 addresses.

4 Bugs Fixed

The following bugs have been fixed in this release:

Table 1 Bugs Fixed in 13.2.2.1 Release

Bug Number	Description
22509900	JDE - One click does not equal one pageview - part 2
22707038	The forms traffic reports incorrectly
23024396	Session Replay Results in Array Key Exists Error Message
24500379	Siebel Applet Value Reported As No Value for ValidatePNR Method
24652731	RUEI is not working after enabling SSL
24761669	Event log reporting Internal error(Error while looking up entry in mmdb)

Table 1 (Cont.) Bugs Fixed in 13.2.2.1 Release

Bug Number	Description
24786793	Userflows not identified when defined with Page URL
24823246	RUEI appears to be having High SSL padding traffic
25111665	Processing is sending over xpath rules for deleted flows
25127781	Collector performs xml parsing even if there are no patterns
25148383	cop process page_stats generating errors
25162916	Auto-Learnt targets for KPI's not learning correctly
25237709	RUEI-REPORT-GENERATE.SH ADDS NUMERIC VALUE TO OCTAL
25316678	SSL Traffic Dropped By Collector
25353360	The USA map in a RUEI dashboard stopped working in version 13.2.1.1.1
25356876	kpi_alert_link missing a / when sent to EM 13c Cloud Control
25439135	Extra DEFAULTFORMNAME hits due to max forms session limit for gs->cursess
25549090	FSR Not Available Within The Specified Size And Time Configuration

5 Product Documentation

The latest version of the product documentation is available via the link below:

<http://docs.oracle.com/en/enterprise-manager/?tab=3>

6 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit

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<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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