Oracle Utilities Load Analysis

Release Notes

Release 1.11.1.3 for Windows

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ORACLE

Oracle Utilities Load Analysis Release Notes

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Chapter 1

Release Notes

These release notes describe enhancements, support information, installation information, and bug fixes for Oracle Utilities Load Analysis version 1.11.1.3.

These release notes supplement the Oracle Utilities product documentation and include updated information about this release. Refer to those manuals when installing these products. These release notes contain the following sections:

- **Supported Platforms**
- **De-Support Notices**
- **Installation and System Configuration Information**
- **Bug Fixes**

Supported Platforms

The following platforms are supported in this release of Oracle Utilities Load Analysis:

- Server:
  - Windows 2012 Server R2
  - Windows 2016 Server
- Client:
  - Windows 10
- Web Browsers
  - Internet Explorer 11, Microsoft Edge (Windows 10 only)
- Database:
  - Oracle Database Server 19C
  - Oracle Database Server 12.2.0.1
  - Oracle Database Server 12.1.0.2
  - Oracle Database Server 11.2.0.4

Refer to the Support Platforms section in the *Oracle Utilities Load Analysis Quick Install Guide* for more details about these supported platforms.

De-Support Notices

The following previously supported platforms are not supported in this release of Oracle Utilities Load Analysis:

- Windows 2008 Server SP1, SP2
- Internet Explorer 10
- Oracle 10g

Installation and System Configuration Information

This section describes changes in the installation and configuration processes for Oracle Utilities Load Analysis version 1.11.1, including:

- **Energy Information Platform Information**
- **Load Analysis Information**

Energy Information Platform Information

This section outlines specific topics related to installation and configuration of the Energy Information Platform and related products.

- This release of the Oracle Utilities software requires the 4.5 .NET framework (available at http://www.microsoft.com/en-us/download/details.aspx?id=30653). This should be installed before installing the Energy Information Platform software. If installing on Windows 2016, the default installed .NET framework will suffice.
- This release of the Oracle Utilities software requires the Visual C++ Redistributable Packages for Visual Studio 2013 (32 bit) (available here: http://www.microsoft.com/en-us/download/details.aspx?id=40784). This should be installed before installing the Energy Information Platform software.
- Though not typical, there is a potential conflict between the Java Runtime Engine (JRE) installed by Oracle Utilities and the JRE installed by Oracle. This conflict can be avoided by ensuring that the path to the Oracle Utilities-installed JRE is listed before the path to the Oracle JRE in the "Path" System variable.
- If using the Oracle 11gR2 SP1 (11.02.00.01) client on application servers, web servers, or client workstations, install the most recent patch (patch 7 or later).
- This release supports Microsoft Internet Information Services (IIS) versions 8 or 10.
- When configuring Microsoft Internet Information Services (IIS), use "ASP.NET v4.0 Classic" or "ASP.NET v4.5 Classic" as the Application Pool.

Energy Information Platform LITE

Oracle Utilities Load Analysis version 1.11.1.x works with a subset of the Energy Information Platform functionality referred to as “Energy Information Platform LITE.” The Energy Information Platform LITE includes the following features and functions available from the Main menu:

- Tools and Utilities
  - Options
    - General Options
    - Report Options
  - Security Admin
  - Report Admin
  - Run Reports
  - View Reports
- Configuration
  - Season Schedule
  - TOU Period Name
  - TOU Schedule

- Usage
  - Center
  - Workset
  - Interval Data
- Load Research
  - Analysis Classes
  - Administration
  - Input
  - Validation
  - Reporting
  - Editing
  - Extract Data
  - Analysis
  - Query
  - Run Reports
  - View Reports

Refer to the *Oracle Utilities Energy Information Platform User's Guide* for information about using these features and functions.

Oracle Utilities Load Analysis version 1.11.3 must be installed with the Energy Information Platform LITE version, not the standard version. Energy Information Platform LITE cannot be installed alongside a standard version. Other Oracle Utilities products are not compatible with the LITE version of the Energy Information Platform.

Load Analysis Information

This section outlines specific installation and system configuration information and functional changes effective as of the v1.11.1.3 release.

Change to Default Mode for AXDB Update (X180)

The default mode (**MODe**) for the AXDB Update program (X180) has been changed from MOD DEL [ALL] to MOD ADD. This change helps prevent accidental deletion of all records of the specified type.

Sequencer Error

In previous releases, the Sequencer continues processing if a step has a Return Code of 90 (Database/Tableset open Error). As of this release, the Sequencer stops processing on any step with a Return Code of 90 or greater unless the STP command is specified in that step.

Removal of Existing Installation

Any previous installation of the Load Analysis client and server MUST be removed (uninstalled) prior to installation of the v1.11.1.3 release.

Sequencer Step Names

Sequence step names are now based on three digits. Steps are numbers STEP001 through STEP999. This allows for sorting of steps when there are more than 100 steps in a sequencer.

Release v1.11.1.1 Changes

The following changes were introduced in v1.11.1.1, but also apply to the v1.11.1.3 release:

File Encoding in a Multibyte Environment

In a multibyte environment, all files must be saved with UTF-8 encoding.

Multibyte Characters in Installation Paths

The server or any of the folders used by Load Analysis cannot be installed to a directory path that contains multibyte characters. This includes paths to the common, Sequencer, BINS folders, and job paths.

Sampling Record Definition Files Created in Previous Versions Must Be Re-created in 1.11.1.x if You Plan to Re-use Them

The output from Sampling B110 jobs (Record Definition) is the Record Definition file (xxx.DEF) used for that Sampling project. Older versions of these binary files cannot be used with 1.11.1.x versions of Sampling programs. Customers must re-create these DEF files using the 1.11.1.x version to re-run Sampling jobs or projects created in previous versions.

Sampling Population Data Files

All Sampling Population Data File (PDF) files must contain only records with fields that are delimited with a semi-colon or other character defined in the B110 CTL file. (See the *Oracle Utilities Load Analysis Sampling Package User's Guide* for more information about this file).

Enhancements

This section highlights enhancements introduced in this release of Oracle Utilities Load Analysis, including:

- **Client Application User Interface Enhancements**
- **Sequencer Enhancements**
- **Load Data Editor Program (X310) Enhancements**
- **Load Data Reporter Program (X410) Enhancements**
- **Key Generator (X810) Enhancements**
- **Other Enhancements**

Client Application User Interface Enhancements

The client application user interface was enhanced with the following new features:

Ability to Test Database Connection

The Load Analysis user interface has been enhanced to add the ability to test the database connection in before running jobs. This enhancement does not require the Oracle client to be installed on the Load Analysis client machine.

Synta-Coloring in Sequencer Files

The Load Analysis user interface has been enhanced to support color-coding of key words and variables in Sequencer files through the use of a configuration file.

Ability to Lock Job Folders

The Load Analysis user interface has been enhanced to include the ability to lock job folders to help prevent accidental deletion of files.

Sequencer Enhancements

The Sequencer has been enhanced with the follow new features:

Allow End of Sequencer Run via IF Statement

The Sequencer has been enhanced to allow users to end a Sequencer run based on the result of an IF statement.

Load Data Editor Program (X310) Enhancements

The Load Data Editor program has been enhanced with the following new features:

Setting to Control Maximum Number of Edits Commands per Block

A new EDITOR_BLOCK_LIMIT setting in the CSLSTAR.GLB file allows users to control the maximum number of edits per KEY request when using the Load Data Editor (X310).

Merge Interval Data From ALDB and CLDB

The Load Data Editor (X310) has been enhanced to support the ability to read interval data cuts from cuts in the ALDB and/or CLDB when using supported editor functions.

Load Data Reporter Program (X410) Enhancements

The Load Data Reporter program has been enhanced with the following new features:

Add Start Time to the ID in bookmark on SYSPRINT.HTM

Bookmarks on the left side of the REPORT.HTM output now include the Start Time in addition to the ID/Channel.

Key Generator (X810) Enhancements

The Key Generator program has been enhanced with the following new features:

Identify Sudden Rises in Interval Data Usage

The Key Generator has been enhanced to detect sudden abnormal rises in usage, and report the date/time of the rise along with the number of intervals during which the rise is sustained.

Use Date Range Instead of All Cuts

The Key Generator has been enhanced to retrieve all cuts in the tableset for a specified date range instead of the existing "Pure Cut" functionality which retrieves all cuts over their specific start and stop times. (It can now merge cuts of the same cut series over a specified date range.)

Query Cuts in a Tableset that Peak on Specified Days Over Date Range

The Key Generator has been enhanced to query and report upon cuts that peak on specified days within a given date range.

Other Enhancements

Other Load Analysis programs have been enhanced with the following new features:

Query Submit Screen for Single Dimensional Population Analysis (B210)

A submit screen has been added specifically for the Query (Customer Data Extraction) feature in the Single Dimensional Population Analysis (B210) program. The new application IDs are X860 and X850 located in the Query section of the program selection frame.

New “All Dates” Label with AXDB

Reports from the X180 and X190 programs will now display “All Dates” instead of the internal date of 01/01/67-00:00:00 to signify that all dates are to be processed.

Note: This change affects only the reports of X180 and X170, and changes any date displayed as "01/01/67-00:00:00" to "All Dates". Nothing in the AXDB data records or processing has changed.

Even Allocation Function in Transformation Program (Y620)

A new function has been added to the Transformation (Y620) program, allowing a user to write a cut or temporary variable of even allocation of energy across the date range.

Time Zone Standard Name Support for Manual Entry Program (X120)

A new Control File option (SET TZSN <value>) allows users to set the incoming cut's Time Zone Standard Name (TZSN) value to a specified string. This setting will NOT be validated against the lscalendar file.

A new Environment file command has been added to set all incoming cut's TZSN value to a specified value.

Bug Fixes

This section lists issues that have been fixed in this release of Oracle Utilities Load Analysis.

Bug Number	Description
31392527	Fix issue related to the Y330 Ratio Analysis program running terminating with a Java error.
30508330	Fixed issue related to graphing issues when using click and drag editing on the Workset. In some cases, the entire graph was change instead of just the selected interval value.

Known Issues

This section lists known issues in this release of Oracle Utilities Load Analysis.

Bug Number	Description
31870916	Customer ID tool tip not displaying in Y310 and Y330 Strata Level Graphs