

# **Oracle Utilities Testing Accelerator**

Release Notes

Release 25.4

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Oracle Utilities Testing Accelerator Release Notes, Release 25.4

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# Preface

Welcome to the Oracle Utilities Testing Accelerator Release Notes. This document outlines the new features, enhancements, known issues, and other changes in Oracle Utilities Testing Accelerator V25.4.

The preface provides the following information:

- [Audience](#)
- [Abbreviations](#)
- [Related Documents](#)
- [Updates to the Documentation](#)
- [Documentation Accessibility](#)
- [Conventions](#)

# Audience

This document is intended for anyone installing or using Oracle Utilities Testing Accelerator V25.4.

# Abbreviations

The following terms are used in this document:

Term	Expanded Form
OUTA/UTA	Oracle Utilities Testing Accelerator

# Related Documents

For more information, refer to the following Oracle resources.

## Release Notes

- Oracle Utilities Testing Accelerator Release Notes

## Installation and Administration Guide

- Oracle Utilities Testing Accelerator Installation and Administration Guide

## User and Reference Guides

- Oracle Utilities Testing Accelerator Security Guide
- Oracle Utilities Testing Accelerator User's Guide
- Oracle Utilities Testing Accelerator Upgrade Guide
- Oracle Utilities Testing Accelerator Licensing Information User Manual

# Updates to the Documentation

The complete Oracle Utilities Testing Accelerator documentation set is available from Oracle Help Center at <https://docs.oracle.com/en/industries/energy-water/index.html>.

Visit [My Oracle Support](#) for additional and updated information about the product.

# Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the [Oracle's Accessibility Program](#) website.

## Access to Oracle Support

Oracle customers have access to electronic support through [My Oracle Support](#). If you are hearing impaired, visit the [Oracle Accessibility Learning and Support](#) website for more information.

## Conventions

The following text conventions are used in this document:

Notation	Indicates
<b>boldface</b>	Graphical user interface elements associated with an action, terms defined in text, or terms defined in the glossary
<i>italic</i>	Book titles, emphasis, or placeholder variables for which you supply particular values
monospace	Commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter

# Chapter 1

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## Release Notes

Prior to installing this release, it is important that you review all of the release notes and your business processes as they relate to the new enhancements. There may be steps to complete or information to review before accepting the release.

For information about supported platforms and installation, refer to the *Oracle Utilities Testing Accelerator Installation and Administration Guide* included in this release.

The document includes the following:

- [Release Overview](#)
- [Supported Oracle Utilities Applications](#)
- [System Requirements](#)
- [New Features Summary](#)
- [Deprecated Features](#)
- [Known Issues](#)

# Release Overview

Oracle Utilities Testing Accelerator comprises test automation accelerators for automated testing of the Oracle Utilities applications.

## Supported Oracle Utilities Applications

Oracle Utilities Testing Accelerator 25.4 release supports respective versions that each of the below listed Oracle Utilities product currently supports:

- Oracle Utilities Customer Care and Billing
- Oracle Utilities Customer to Meter
- Oracle Utilities Work and Asset Management
- Oracle Utilities Operational Device Management
- Oracle Utilities Meter Data Management
- Oracle Utilities Smart Grid Gateway

Refer to the [Certification Matrix for Oracle Utilities Products \(Document ID 1454143.1\)](#) on [My Oracle Support](#) to determine if support for newer versions of the listed products have been added.

## System Requirements

For an updated list of system requirements and supported platforms, refer to the **System Requirements** section in *Oracle Utilities Testing Accelerator Installation and Administration Guide* included in this release. The documentation library is available on the [Oracle Utilities Testing Accelerator](#) page on [Oracle Help Center](#).

## New Features Summary

This section focuses on the new features implemented in this release. While these notes provide high-level information, refer to the *Oracle Utilities Testing Accelerator Installation and Administration Guide* and *Oracle Utilities Testing Accelerator User's Guide* for comprehensive guidelines.

- [Export-Import of Component Extensions](#)
- [Additional Filters on the Summary Report](#)
- [Quick Run Option and Context Menu Refactoring](#)
- [Conversion of Validation Libraries](#)
- [Test Data Set Selector in Flow Sets](#)
- [CM Content Upgrade Process Persistence](#)
- [Quick Navigation to Flow Run from Dashboard](#)
- [Improvements to Configuration Sets GUI](#)



- [Selective Export of Flows](#)
- [Flow Run Failure Resolution through Enhanced Info Messaging](#)
- [Automated Upgrade of Flow Sets](#)
- [Flow Subroutine Test Data Page Changes](#)

## Export-Import of Component Extensions

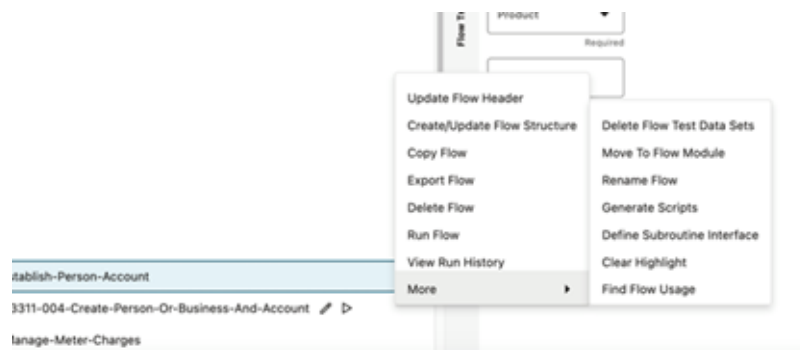
Component's custom extensions can now be exported and imported across Oracle Utilities Testing Accelerator instances, enabling you to migrate your custom extensions on the base components between the development and test Oracle Utilities Testing Accelerator environments. They also enable the usage of a component's extended elements, inline with the base elements of a component. It reduces the effort and time required to manage custom extension of components. Exporting a component automatically includes the custom extensions that have been created for the component. The elements added as part of the custom extensions are also available in the test data spreadsheet and in the flow test data's **Data from..** feature that supports mapping of test data from a component's response.

## Additional Filters on the Summary Report

The new filters on the summary report provide options to view and focus on specific content in the flow run summary. This improves the ease of use and provides finer grain control of the summary report. With the new filters, you can select and filter the summary report to view only failed steps or steps that correspond to the execution of specific types of flow steps. In addition to the filters, the option to view the summary report as a list of all the results of each step or as a table showcasing the validations at step has been provided. These filters make it easier for you to look to specific information in the summary report.

## Quick Run Option and Context Menu Refactoring

The **Quick Run** button next to the flow name in the flow tree structure opens a test flow dialog box. This enables you to quickly run the test flow. The **Edit** icon next to the flow has been replaced to accurately depict the operation. In addition, the right-click context menu of the test flow now lists the important options first. This is followed by the **More** submenu that lists other options.



A new option on the right-click context menu on the flow allows exporting the individual flows from Oracle Utilities Testing Accelerator. The export supports extraction of

individual flows from Oracle Utilities Testing Accelerator without the need to navigate to the **Export Flows** option.

## Conversion of Validation Libraries

The validation functions specified using WSVALIDATELIB, RSVALIDATELIB, COREVALIDATEVARIABLELIB libraries in the flow test data's **Post Validations** section will automatically be converted to condition based validations from function based validations during the CM Content upgrade process. This ensures consistency in the validation definition. With improved ease of use, the condition based validations are being widely utilized for validations.

To make sure that all validation definitions are consistent and easy to read and use, the validations defined using WSVALIDATELIB, RSVALIDATELIB, and COREVALIDATEVARIABLELIB libraries under the **Post Validations > Function Based** section in the flow test data will automatically be converted during CM content upgrade process.

Currently, post validations in the **Flow Test Data** page can be defined using either the validation function libraries or condition based validations. The condition based validations are intuitive to use and they are an enhanced version of defining validations. For all existing flows, validation functions that have been defined using WSVALIDATELIB, RSVALIDATELIB, and COREVALIDATEVARIABLELIB libraries in the **Flow Test Data > Post Validations** section will be automatically converted to condition based validations whenever the CM Content upgrade process is triggered. So, when you upgrade test flows using the CM Content upgrade process, from an older version of the product pack to a later version, validation definitions will be automatically converted from function based to condition based validations. The validation will still apply in the same way as before, but the method of validation definition will be updated.

## Test Data Set Selector in Flow Sets

You can now add test flows to a flow set by selecting one or more flow test data sets for each flow. The flow set run will run each flow with all the selected flow test data sets. The flow set management's improved user interface displays all the available test data sets for a flow when adding a flow to the flow set, which makes it easier for you to quickly select the required test data sets by dragging and dropping them appropriately. You can do this for multiple flows through the same window, which further enhances the ease of use. Updating the flow test data sets in a flow set has also been made easier owing to this new user interface as it provides a consolidated view of the test data sets that have been selected for a flow.

## CM Content Upgrade Process Persistence

The CM Content Upgrade run history is now available. The CM Content Upgrade user interface has been enhanced to include a table to show the list of CM Content upgraded processes that have been run. Irrespective of the user who has triggered the process, all users with requisite permissions can view the CM Content Upgrade run status. Improvements have also been made in the logs to display the list of all flows that have been upgraded as part of the CM Content Upgrade run. The start time and end time of the run provides information pertaining to the duration of the upgrade process.

## Quick Navigation to Flow Run from Dashboard

To navigate to the specific flow run directly, click the **Flow Execution ID** in the flow run list table in the Oracle Utilities Testing Accelerator dashboard.

## Improvements to Configuration Sets GUI

The user interface of flow configuration set and user configuration set has been improved to make it easier to provide the property values and add/manage custom properties. The user interface for flow and user configuration sets has been enhanced to categorize the properties into:

- **Base:** Lists the properties that are common for SOAP and REST based web services.
- **Authentication Properties:** Lists the properties under base that are required for authentication of the web service request.
- **Other Properties (Optional):** Lists the properties under base that are optional.
- **REST:** Lists the properties that are specific to REST web services.
- **Custom:** Lists any custom properties that you add to the configuration sets.

Categorization makes it easier to identify and provide values against the properties based on their applicability to your use case.

## Selective Export of Flows

Selective export of flows allows you to export a specific selection of flows from Oracle Utilities Testing Accelerator using varying filters, which removes the need to define a specific tag in the flow header before the export. The GUI is intuitive and allows to search, select, and add flows to an export list. You can redefine the search filters multiple times while adding a specific set of flows from each of the search results to the export list. After you add all the flows to be exported to the export list, click **Export** to bundle the flows and export them from Oracle Utilities Testing Accelerator.

## Flow Run Failure Resolution through Enhanced Info Messaging

Enhanced messaging provides detailed insights into the causes of flow step failures, offering suggestions for mitigation and enabling easier troubleshooting. The testing tool features an advanced diagnostic capability, enabling users to pinpoint the cause of a failed test flow run.

Click the information icon adjacent to the relevant flow step in the flow run tree to gain access to detailed insights into the root cause of the failure. This feature provides actionable recommendations to troubleshoot and resolve issues efficiently. You can quickly identify and address problems, streamlining their debugging process. The intuitive interface ensures seamless navigation through complex test flows, reducing time spent on error resolution.

## Automated Upgrade of Flow Sets

Flow sets can now be upgraded by an automated upgrade process to point to the upgraded flows in the application, so you do not have to manually create a new flow set and can quickly run the flow sets for your upgrade. The automated upgrade of flow sets is a feature that streamlines the testing process for Oracle Energy and Water Cloud Service upgrades. By specifying the desired flow set, you can initiate an automated upgrade process, eliminating the need to manually recreate the flow set with each upgrade. To access this feature, navigate to the CM Content Upgrade process and select the flow set to be upgraded. You will then be prompted to provide product mapping details, including source and target release information.

## Flow Subroutine Test Data Page Changes

The **Test Data** page for providing inputs to the flow subroutine in a parent flow has been updated to improve usability. The user interface to create variables and manage them has been clearly de-marked and aligns more closely with the product theme. The updated test data page offers an intuitive interface for creating and managing variables, which streamlines the process of providing inputs to flow subroutines. Click Create New Variable to easily add new variables. Additionally, the clear distinction between 'In' and 'Out' variables ensures that you can effortlessly identify and manage their variables, which reduces errors and improves workflow efficiency.

## Deprecated Features

No features have been deprecated in this Oracle Utilities Testing Accelerator release.

## Known Issues

This section lists the issues that were found but not resolved in Oracle Utilities Testing Accelerator at the time of release.

- The `addDaysToCurrentDateWithGivenFormat` function in Oracle Utilities Testing Accelerator core library does not currently support user time zone. The workaround is to use `currentDateTimeZone` function in OUCCLIB.