Oracle Utilities Testing Accelerator

Release Notes

Release 7.0.0.1.1

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ORACLE®

Oracle Utilities Testing Accelerator Release Notes, Release 7.0.0.1.1

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Contents

Preface

Welcome to the Oracle Utilities Testing Accelerator Release Notes. This document oulines the new features, enhancements, known issues, and other changes in Oracle Utilities Testing Accelerator V7.0.0.1.1.

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 V7.0.0.1.1.

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
boldface	Graphical user interface elements associated with an action, terms defined in text, or terms defines in the glossary
italic	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

Release Notes

This release notes outlines general information about Oracle Utilities Testing Accelerator V7.0.0.1.1, including new functionality, known issues, and other important aspects of the product.

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
- 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 7.0.0.1.1 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 Oracle Help Center at: https://docs.oracle.com/en/industries/energy-water/testing-accelerator/index.html

New Features

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.

- New Way to Define Flow Step Validations
- Test Data Generation Based on Conditions
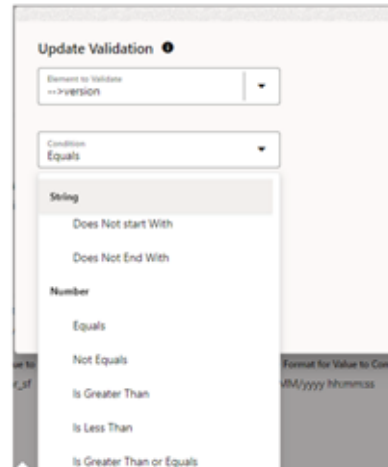- Base Component Extension
- Workspace and Quick Access Buttons

New Way to Define Flow Step Validations

Flow step validations are critical to a flow definition as they help ascertain whether a given flow step has passed or failed during the flow run. Before the Condition Based Flow Validation Definition feature, the validations had to be defined using functions. Though validations can be defined using metadata, function based validation required you to understand the library of functions to be used. With the condition based flow validation feature you no longer need to analyse or understand the functions. You can very quickly and easily define complex validations of a flow step using the Oracle Utilities Testing Accelerator's advanced and intuitive user interface. This reduces the flow development times while increasing the ease of defining validations in the flow.

The Condition Based Flow Validation feature allows you to define flow step validations through the user interface, without the usage of functions. This feature is available under the **Post Validations** section of component's test data definition in the **Flow Management** page. You can add one or more post validations using the condition based validations. All the validations that can be defined using function based validations and more, can be define using the condition based validations. The user interface to define the condition based validations allows you to select an element in the response or entire response or even a variable that you plan to validate. You can then select a condition for validation, such as 'equals', 'contains' etc. The conditions that can be applied for validating the element in question, have been categorized into String conditions, Number conditions and Datetime conditions. You can select the appropriate condition under the specific category as per your requirement. As most conditions need a value that needs to be compared to, the third field on the **Condition Based Validation Definition** page, allows you to specify the value to be compared to. In cases where date time comparisons are involved, a field for specifying the date time format is also provided. In summary, the feature allows for greater flexibility in validation definitions while also improving the ease of flow development, to a significant extent.

> **Note**: The function based validation definitions will continue to co-exist with the condition based validation definition, though they will be marked as legacy. Going forward, it is recommended to define post validations using the condition based validations, as it provides greater flexibility while optimizing the flow development effort and time.

Test Data Generation Based on Conditions

Generation of methodical or randomized test data is an implicit requirement in test automation development. The ability to specify the test data generation using intuitive user interface reduces the time it takes to develop a test automation flow, while making it easier for you to define the kind of generation routine that you want to apply.

Using the Test Data Generation Based on Conditions feature, you can now define these data generation routines through simple and easy to use interface. This feature supports generation of multiple types of test data, namely numbers, string and dates, which caters to most of the test data generation requirements in test automation flows. You can specify the ranges, formats, and specific conditions for generation of numbers, strings and dates, respectively. You can specify the generation conditions against specific elements in the test data GUI of a component in a flow. During the course of the flow run, Oracle Utilities Testing Accelerator will interpret the condition based definition and will generate the test data and assign it to the element, appropriately

Base Component Extension

The Base Component Extension feature removes the need to create new custom components in Oracle Utilities Testing Accelerator to test your customization of supported Oracle Utilities cloud service. This feature helps to make sure that any updates to the base components in Oracle Utilities Testing Accelerator are automatically applied to the test automation flows that use your extended components. This also reduces maintenance effort during upgrades, as the base changes are part of the updates to the base component on which your extension is added.

You can easily extend the product delivered base components in Oracle Utilities Testing Accelerator by adding your custom schema elements, similar to the extensions Oracle Utilities Application Framework objects. You can add the custom elements to the component through the component definition GUI. When a flow is built using this extended component, you will be able to provide test data for both the base and extended schema elements through the same test data GUI on the **Flow Definition** page. You can add or remove the extended elements in the component definition based on your requirement, across upgrades. The need for creating a new custom component to add

custom elements on top of the base component has been made obsolete with this feature.

Workspace and Quick Access Buttons

The navigation and access to components and flows under a product has been made easier with this feature. Oracle Utilities Testing Accelerator generally may have a number of product versions in the flow tree structure based on the number of upgrades being tested/managed. With the workspace products feature, you can focus on specific product versions that you are currently working on, so you do not need to navigate and search for the product version in the Oracle Utilities Testing Accelerator component or flow tree structure. You can bring specific product versions into focus by adding them to your workspace based on the product version that you need to work on. The workspace is specific to a user, so each user can add or remove different product versions in their own workspace.

The ability to view/edit a flow, run the flow, and view the flow run history through the use of buttons removes the need to access them by right clicking the context menu on the flow name. This makes it easier and quicker to perform these operations through the GUI.

The component selection frame on the **Flow Definition** page auto collapses based on the flow status, giving you more space on the UI to work on the flow definition. The component selection frame is automatically in the collapsed state if the flow is in any status other than the 'in-progress' status, as the components can be added to an in-progress flow.

This feature has been designed to reduce the flow management, flow run time, and effort while making sure Oracle Utilities Testing Accelerator is even more intuitive to use.
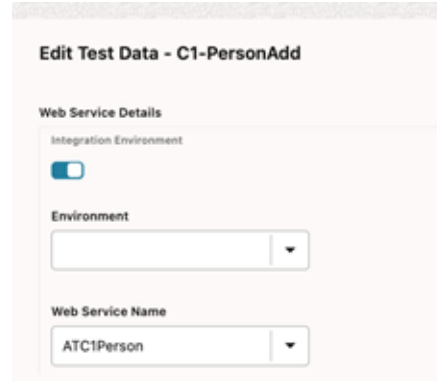
Deprecated Features

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 component definition's custom extension elements are not picked up by export and CM content upgrade process. The workaround is to manually add the component's custom extension lines in the destination environment.