

Oracle Utilities Testing Accelerator

Release Notes

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Oracle Utilities Testing Accelerator Release Notes, Release 6.0.0

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Preface

Welcome to the Oracle Utilities Testing Accelerator Release Notes.

The Release Notes describes the new features, enhancements, known issues, and other changes in Oracle Utilities Testing Accelerator v6.0.0.

The preface provides the following information:

- [Audience](#)
- [Abbreviations](#)
- [Conventions](#)
- [Related Documents](#)

Audience

This Release Notes is intended for anyone installing or using Oracle Utilities Testing Accelerator v6.0.0.

Abbreviations

The following abbreviations are used throughout this document:

Term	Expanded Form
OFTAPOU	Oracle Functional Testing Advanced Pack for Oracle Utilities
UTA	Oracle Utilities Testing Accelerator

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
<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

Related Documents

For more information, refer to the following Oracle resources.

Installation and Administration Guide

- *Oracle Utilities Testing Accelerator Installation and Administration Guide*

User and Reference Guides

- *Oracle Utilities Testing Accelerator User's Guide*
- *Oracle Utilities Testing Accelerator Upgrade Guide*
- *Oracle Utilities Testing Accelerator Licensing Information User Manual*
- *Oracle Utilities Testing Accelerator Reference Guide for Core*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Mobile Workforce Management/ Oracle Real-Time Scheduler v2.3.0.0*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer Care and Billing v2.6.0.0*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer Care and Billing v2.6.0.1*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer To Meter v2.6.0.1*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Work and Asset Management/ Oracle Utilities Operational Device Management v2.2.0.1*

- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Meter Data Management / Oracle Utilities Smart Grid Gateway v2.2.0.1*
- *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Meter Data Management / Oracle Utilities Smart Grid Gateway v2.2.0.2*

Chapter 1

Release Notes

This document provides general information about Oracle Utilities Testing Accelerator v6.0.0, 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*.

The document includes the following:

- [Release Overview](#)
- [Supported Oracle Utilities Applications](#)
- [System Requirements](#)
- [Oracle Utilities Testing Accelerator Features](#)
- [Product Packs](#)
- [Known Issues](#)

Release Overview

Oracle Utilities Testing Accelerator comprises test automation accelerators for automated testing of the Oracle Utilities applications. For the list of Oracle Utilities applications supported in this release, refer to the [Related Documents](#) section in [Preface](#).

For information about the product packs included in this release, refer to the [Product Packs](#) section.

Supported Oracle Utilities Applications

The Oracle Utilities applications supported in this Oracle Utilities Testing Accelerator release are as follows:

- Core (Oracle Utilities Application Framework)
- Oracle Utilities Mobile Workforce Management/ Oracle Real-Time Scheduler v2.3.0.0
- Oracle Utilities Customer Care and Billing v2.6.0.0
- Oracle Utilities Customer Care and Billing v2.6.0.1
- Oracle Utilities Customer To Meter v2.6.0.1
- Oracle Utilities Work and Asset Management/ Oracle Utilities Operational Device Management v2.2.0.1
- Oracle Utilities Meter Data Management / Oracle Utilities Smart Grid Gateway v2.2.0.1
- Oracle Utilities Meter Data Management / Oracle Utilities Smart Grid Gateway v2.2.0.2

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.

Oracle Utilities Testing Accelerator Features

The following sections provide details 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 Users

The features available for new users accessing Oracle Utilities Testing Accelerator v6.0.0 are as follows:

- Graphical User Interface (GUI) to create components and flows
- Support for web service based and GUI based components
- Support to generate Selenium flows
- Custom Eclipse plugin to execute flows
- In-built tools to import/export components and flows
- Support to generate flows using plain-text Behavior Driven Development (BDD) scenarios.

For detailed information about these new features, refer to the *Oracle Utilities Testing Accelerator User's Guide*.

Existing Users

For information about changes/enhancements, the existing Oracle Functional Testing Advanced Pack for Oracle Utilities v5.0.1 users can refer to *Oracle Utilities Testing Accelerator Upgrade Guide*.

Product Packs

The product packs are test starter packs built on top of Oracle Utilities Testing Accelerator which generate test automation scripts for web services using Oracle Utilities Testing Accelerator Workbench.

These product packs contain product-specific components used to build test flows in Oracle Utilities Testing Accelerator Workbench to test the respective Oracle Utilities application. The components correspond to specific entities, such as business objects, service scripts, or business services used for interfacing with the specific application.

The product packs that are part of this Oracle Utilities Testing Accelerator release are as follows:

- [Oracle Utilities Testing Accelerator Core](#)
- [Oracle Utilities Customer Care and Billing 2.6.0.0](#)
- [Oracle Utilities Customer Care and Billing 2.6.0.1](#)
- [Oracle Utilities Customer To Meter 2.6.0.1](#)
- [Oracle Utilities Meter Data Management/Oracle Utilities Smart Grid Gateway 2.2.0.1](#)
- [Oracle Utilities Meter Data Management/Oracle Utilities Smart Grid Gateway 2.2.0.2](#)
- [Oracle Utilities Mobile Workforce Management/ Oracle Real-Time Scheduler 2.3.0.0](#)
- [Oracle Utilities Work and Asset Management/ Oracle Utilities Operational Device Management 2.2.0.1](#)

Oracle Utilities Testing Accelerator Core

The flows included in this release are as follows. Two UI sample flows and a web service used to understand the flow creation process are also included.

- F1-ToDoFlow
A web service flow comprising the creation for ToDo Role, ToDo Type, Add ToDo Entry, Read ToDo Entry, Assign ToDo Entry, and Complete ToDo Entry, and also the completion life cycle of an ToDo.
- F1-BatchExecution
Demonstrates submitting the batch and receiving back the status.
- F1-BundleImport
Includes reading the bundle content from the Attachment folder and applying the bundle. It returns the status and ID of the bundle objects in the Oracle Utilities application.
- F1-InitialInstallOption
Enables the source applications to set installation option(s) values in the Oracle Utilities application.
- F1-OutboundMessageType
Creates outbound message types.
- F1-XAISender
Creates an XAI sender in the Oracle Utilities application.

- **ToDoFlow (UI Flow)**
Creates ToDo Role, ToDo Type, ToDo Entry, and also to complete the ToDo Entry.
- **ToDoRoleFlow (UI Flow)**
A UI flow that includes the Create, Read, Update and Delete operations of ToDo Role.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Core*.

Oracle Utilities Customer Care and Billing 2.6.0.0

The Oracle Utilities Customer Care and Billing v2.6.0.0 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- **C1-CreatePremiseAndAccount**
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.
- **C1-StartService**
Creates a meter/meter configuration, meter read, pending start SA (service agreement), and completion of the start service FA before the SA is activated.
- **C1-CreateBill**
Generates, freezes, and completes a bill. It uses the C1-BillAdd and C1-BillUpdate components, and an additional F1-SendResultsMail component to be able to notify the user of the test results via an email.
- **C1-CreatePaymentEvent**
Creates a Payment Event and also distributes and freezes the payments.
- **C1-CloudSanity**
Creates a Person and submits a VAL-PER batch.
- **C1-StopService**
Initiates a 'stop service' request. As part of the full 'stop service' flow, steps for creating a final meter read and completion of the stop service FA are included.
- **C1-EndToEndStartService**
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer Care and Billing v2.6.0.0*.

Oracle Utilities Customer Care and Billing 2.6.0.1

The Oracle Utilities Customer Care and Billing v2.6.0.1 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- **C1-CreatePremiseAndAccount**
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.
- **C1-StartService**
Creates a meter/meter configuration, meter read, pending start SA (service agreement), and completion of the start service FA before the SA is activated.

- C1-CreateBill
Generates, freezes, and completes a bill. It uses the C1-BillAdd and C1-BillUpdate components, and an additional F1-SendResultsMail component to be able to notify the user of the test results via an email.
- C1-CreatePaymentEvent
Creates a Payment Event and also distributes and freezes the payments.
- C1-CloudSanity
Creates a Person and submits a VAL-PER batch.
- C1-StopService
Initiates a 'stop service' request. As part of the full 'stop service' flow, steps for creating a final meter read and completion of the stop service FA are included.
- C1-EndToEndStartService
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer Care and Billing v2.6.0.1*.

Oracle Utilities Customer To Meter 2.6.0.1

The Oracle Utilities Customer To Meter v2.6.0.1 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- X1-CloudSanity
Creates a Person and submits a VAL-PER batch.
- X1-CreatePremiseAndAccount
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.
- X1-EndToEndStartService
Creates a Premise, Service Point, Person, and Account, collectively referred to as “V” objects.
- X1-CreateBill
Generates, freezes, and completes a bill.
- X1-CreatePaymentEvent
Creates a Payment Event and distributes and freezes the payments.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Customer To Meter v2.6.0.1*.

Oracle Utilities Meter Data Management/Oracle Utilities Smart Grid Gateway 2.2.0.1

The Oracle Utilities Meter Data Management v2.2.0.1 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- Demo Interval
Includes creation of a Smart Meter, adding device configuration and interval measuring components to the Smart Meter, loading Initial Measurement Data (IMD) on the meter, and creating usage transactions.

- Demo Scalar
Includes creation of a Manual Meter, adding device configuration and scalar measuring components to the Manual Meter, loading Initial Measurement Data (IMD) on the meter, and creating usage transactions.

The release also includes the following Oracle Utilities Smart Grid Gateway sample flows to understand the flow creation process:

- Itron
Includes creation of an Itron Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in Itron test harness, and performing various commands on the Meter.
- Landis + Gyr
Includes creation of an LG Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in LG test harness, and performing various commands on the Meter.
- Echelon
Includes creation of an Echelon Smart Meter, adding device configuration and scalar measuring components to it, creating service point and install event, and performing various commands on the Meter.
- Sensus
Includes creation of an Sensus Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in Sensus test harness, and performing various commands on the Meter.
- SSN
Includes creation of an SSN Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in SSN test harness, and performing various commands on the Meter.
- MDM-SGG_Cloud_Environment_Sanity
The MDM-SGG_Cloud_Environment_Sanity flow is used to verify On demand Read scalar for a device on a Cloud environment which is an initial install environment.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities for Meter Data Management/Oracle Utilities Smart Grid Gateway v2.2.0.1*.

Oracle Utilities Meter Data Management/Oracle Utilities Smart Grid Gateway 2.2.0.2

The Oracle Utilities Meter Data Management v2.2.0.2 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- Demo Interval
Includes creation of a Smart Meter, adding device configuration and interval measuring components to the Smart Meter, loading Initial Measurement Data (IMD) on the meter, and creating usage transactions.
- Demo Scalar
Includes creation of a Manual Meter, adding device configuration and scalar measuring components to the Manual Meter, loading Initial Measurement Data (IMD) on the meter, and creating usage transactions.

The release also includes the following Oracle Utilities Smart Grid Gateway sample flows to understand the flow creation process:

- Itron
Includes creation of an Itron Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in Itron test harness, and performing various commands on the Meter.
- Landis + Gyr
Includes creation of an LG Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in LG test harness, and performing various commands on the Meter.
- Echelon
Includes creation of an Echelon Smart Meter, adding device configuration and scalar measuring components to it, creating service point and install event, and performing various commands on the Meter.
- Sensus
Includes creation of an Sensus Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in Sensus test harness, and performing various commands on the Meter.
- SSN
Includes creation of an SSN Smart Meter, adding device configuration and scalar measuring components to it, adding the Meter in SSN test harness, and performing various commands on the Meter.
- MDM-SGG_Cloud_Environment_Sanity
The MDM-SGG_Cloud_Environment_Sanity flow is used to verify On demand Read scalar for a device on a Cloud environment which is an initial install environment.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities for Meter Data Management/Oracle Utilities Smart Grid Gateway v2.2.0.2*.

Oracle Utilities Mobile Workforce Management/ Oracle Real-Time Scheduler 2.3.0.0

The Oracle Utilities Mobile Workforce Management v2.3.0.0 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- Non-MDT
Comprises the creation and completion life cycle of an M1 activity - break, non-productive task (NPT), and real period of unavailability (POU), along with the crew shift.
- MDT
Includes the creation and completion of an activity, break, non-productive task (NPT), and real period of unavailability (POU) using connected MCP.
- M2 Non-MDT
Includes the creation and completion of M-Activity (Install Meter Activity, for example).
- MDT Using NextGen MCP
Includes the creation and completion of an activity, break, non-productive task (NPT), and real period of unavailability (POU) using NextGen MCP.

- MDT Using HybridMCP
Includes the creation and completion of an activity, break, non-productive task (NPT), and real period of unavailability (POU) using HybridMCP.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Mobile Workforce Management/ Oracle Real-Time Scheduler v2.3.0.0*.

Oracle Utilities Work and Asset Management/ Oracle Utilities Operational Device Management 2.2.0.1

The Oracle Utilities Work and Asset Management 2.2.0.1 work flows included in this Oracle Utilities Testing Accelerator release are as follows.

- W1-ReorderReview_Inventory
Includes the creation and completion life cycle of reorder review and inventory adjustment for inventory.
- W1-ReplicationOfAssets-ODM
Includes the creation of an asset and uses it as a template asset to replicate multiple assets using the replication activity.
- W1-Material Disposition
Includes the creation and completion life cycle of work request, work order, activity along with the crew shift, and material request.
- W1-Work Demand
Includes the creation and completion life cycle of work request, work order, and activity, along with the stock transfer.
- W1-Activity and Activity Reconciliation
Includes the creation and completion life cycle of activity and activity reconciliation.

For more information about these sample flows, see the **Sample Work Flows** chapter in *Oracle Utilities Testing Accelerator Reference Guide for Oracle Utilities Work and Asset Management/ Oracle Utilities Operational Device Management 2.2.0.1*.

Known Issues

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

WS-STARTMULTILIST, WS-ENDMULTILIST and WS-SETVARIABLE keywords

The WS-STARTMULTILIST and WS-ENDMULTILIST keywords are no longer supported. Replace these keywords with WS-SETXMLLISTELEMENT to define component definitions that include complex XML elements. Replace the WS-SETVARIABLE keyword with WS-SETVARIABLEFROMRESPONSE.

For more details, refer to the **Creating Components** section in *Oracle Utilities Testing Accelerator User's Guide*.

Importing Component/Flow - Progress Status Bar Does Not Reset

The import status progress bar does not reset while importing a component/flow consecutively without refreshing the page. If the page is refreshed after a successful import, the progress status bar works as intended.

You should refresh the page after importing components/flows to be able to see the newly imported components/flows.

During the import process, you may notice errors on the console such as “unable to add entries to the cache”. You may safely ignore these errors.

Generating Component - Attribute Support

When you generate a component from a WSDL, and if WSDL contains an XML element that has an attribute, the generated component does not reflect this information. You should manually edit the XML element that has the attribute and specify the attribute using the @attribute notation.

Generating Scripts - No Error Message is Displayed

When you select a flow and click **Generate Scripts**, if the script generation fails, no error message is displayed.

Custom Content Upgrade

While upgrading flows as part of the custom content upgrade, if a component of the flow is missing in the target product, a new component is created with no definition. The application does not show it as outdated while displaying the new component. The **Outdated** icon does not appear in the display of the flow. Open the new component and add the definition and the test data before using the upgraded flow.

Oracle Utilities Customer Care and Billing v2.6.0.0

Bug Number	Description
27916013	Person Contact related fields are missing from the C1OrderAdd, C1OrderRead and C1OrderUpdate Business Services.
24939095	Missing attribute value for recommenddepositamt button in C1-StartStopUpdate.

Oracle Utilities Customer Care and Billing v2.6.0.1

Bug Number	Description
27820749	Person Contact related fields are missing from the C1OrderAdd, C1OrderRead and C1OrderUpdate Business Services.
27916049	Missing attribute value for recommenddepositamt button in C1-StartStopUpdate.

Oracle Utilities Customer To Meter v2.6.0.1

Bug Number	Description
27573592	SA relationship was added in o/b SA sync schema and this will get populated for sub-SAs. This change is to support settlements. However not all types of SA relationships are synced to MDM.

Bug Number	Description
27916049	Missing attribute value for recommenddepositamt button in C1-StartStopUpdate.
