

# Oracle® Communications Solution Test Automation Platform

## Release Notes



Release 1.26.1.0.0

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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# Contents

## About This Content

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### 1 Release Notes

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New Features	1
Intelligent UI Search	1
Logical Operators	1
Using Reference Step	2
Using ForEach in a Test Case	2
Common Data Files	2
Supported UI Actions in UI Automation Plug-in	2
Stop Support for Running Jobs in Dashboard	2
Eval Function Support in Validate Section	2
ARRAY_UNIQUE in Array Utility Functions	3
Update Support for Scenario Publish Using the Command-Line Interface	3
Kafka Connection Authentication Support (Basic and OAuth2)	3
REST Plug-in Retry Count Support	3
Environment Variables for Variable Injection	3
Known Problems	3

# About This Content

This document describes how to implement and use Oracle Communications Solution Testing Automation Platform.

## **Audience**

This document is intended for anyone who installs, configures, administers, or customizes Solution Testing Automation Platform.

# 1

## Release Notes

This document provides the release notes for Oracle Solution Test Automation Platform (STAP) 1.26.1.0.0.

This document contains the following sections:

- [New Features](#)
- [Known Problems](#)

## New Features

This section describes the new features in STAP release 1.26.1.0.0.

- [Intelligent UI Search](#)
- [Logical Operators](#)
- [Using Reference Step](#)
- [Using ForEach in a Test Case](#)
- [Common Data Files](#)
- [Supported UI Actions in UI Automation Plug-in](#)
- [Stop Support for Running Jobs in Dashboard](#)
- [Eval Function Support in Validate Section](#)
- [ARRAY\\_UNIQUE in Array Utility Functions](#)
- [Update Support for Scenario Publish Using the Command-Line Interface](#)
- [Kafka Connection Authentication Support \(Basic and OAuth2\)](#)
- [REST Plug-in Retry Count Support](#)
- [Environment Variables for Variable Injection](#)

## Intelligent UI Search

**Intelligent Search** in the UI (STAP Dashboard) provides test recommendations to help you create new test jobs rapidly by re-using existing test artifacts. You use keyword-based search to find available test artifacts, and the search results help you create new test jobs quickly. For more information, see "Intelligent Search"

## Logical Operators

You can now use logical operators in BDD scenarios to define and evaluate multiple conditions in validation and save steps. **%EVAL\_CONDITION()** evaluates expressions with AND, OR, and NOT, supports operator precedence, and allows parentheses for explicit grouping. **%IF\_ELSE()** saves one of two values based on a specified condition during the save operation, enabling condition-based value selection in workflows such as subscription management. For more information, see "Logical Operators".

## Using Reference Step

Define reusable steps in **.stepref** files under **referenceSteps.home** and assign each a unique **ReferenceStepId**. In a **.case** file, reference the predefined step by **ReferenceStepId** using **When, Then, or And**. At runtime, STAP expands the referenced step at the usage point and merges any overridden or additional **Data, Validate, and Save** entries; the keyword comes from the usage step. For more information, see "Using Reference Step".

## Using ForEach in a Test Case

Run a single Case multiple times with **ForEach: \$filename.csv**, where each CSV row drives one execution of the Case. Reference CSV values with **#{<parameter>}** to map header names to runtime values. This enables data-driven execution without duplicating test logic. For more information, see "Using ForEach in a Test Case".

## Common Data Files

Centralize reusable data files by setting **referenceFiles.home=\${WORKSPACE}/files/** and reference them with **\$FILEREf(<filename>)**. STAP resolves **\$FILEREf()** paths relative to **referenceFiles.home** and replaces the reference with the file content at runtime. This supports shared payloads, scripts, and configuration files across scenarios. For more information, see "Common Data Files".

## Supported UI Actions in UI Automation Plug-in

STAP UI Automation Plug-in adds supported UI actions as modular, scriptable commands for UI automation.

It provides **Browser Actions, Form Actions, Save Actions, and Validation Actions** to express common operations navigation with **\$open**, browser controls (**\$back, \$forward, \$refresh, \$alert, \$waitFor**), form interactions (**\$input, \$click, \$doubleClick, \$selectFromDropdown**, scrolling, key presses, **\$uploadFile**), context and UI value capture with **Save** and **\$VALUE**, and validations with **\$url, \$title, and \$visible**. This capability converts Selenium WebDriver logic into concise, reusable, data-driven steps for end-to-end UI workflows. For more information, see "Supported UI Actions".

## Stop Support for Running Jobs in Dashboard

STAP supports stopping a running job from the Dashboard screen. Use the stop icon in the Running Jobs section to initiate a safe and controlled termination, with a confirmation dialog and graceful shutdown of all processes. For more information, see "Stopping a Running Job".

## Eval Function Support in Validate Section

STAP enables the **Eval** function in the **Validate** section, allowing users to use expression evaluation directly during validation within STAP workflows. For more information, see "Numeric Function: Evaluate to Process Arithmetic Expressions".

## ARRAY\_UNIQUE in Array Utility Functions

STAP adds **ARRAY\_UNIQUE** in Array Utility Functions to derive a new array that contains only unique values from an input array. This supports validation against a distinct set of elements when response data includes duplicate entries. For more information, see "Array Operators"

## Update Support for Scenario Publish Using the Command-Line Interface

STAP supports updating an existing scenario during **--publish -scenario** when **update=YES** is set in the scenario **publish.properties** file. On update, STAP marks the existing scenario as inactive, generates a new scenario ID, and automatically updates all existing jobs to use the new scenario ID; after a successful update, STAP resets update to **NO**. For more information, see "Publishing Actions, Scenarios and Environments Using the Command-Line Interface".

## Kafka Connection Authentication Support (Basic and OAuth2)

Kafka Connection supports two types of authentications: Basic and OAuth2. Configure authentication in the Kafka environment properties using **authorization=YES** and **authorization.type=basic** or **authorization.type=oauth2**. For more information, see "Kafka".

## REST Plug-in Retry Count Support

REST Plug-in supports **retryCount** in the environment configuration to control the number of automatic retries for failed REST API calls when the failure returns a server-side error (HTTP 5xx). For more information, see "REST Plug-in".

## Environment Variables for Variable Injection

STAP supports Environment Variables (Externalized Configuration Inputs) defined in the environment file as **variable.<name>=<value>** and injected at runtime into scenarios. Access these values in steps using **\${ENV\_<name>}** to vary environment-specific data without changing scenario files. For more information, see "Using Variables".

## Known Problems

This section lists the known problems in this release of STAP.

- **Duplicate Environment Names are Allowed**
  - The system allows multiple environments to be created with the same name.
  - **Workaround:** Before creating a new environment, search for existing ones to avoid duplicates.
- **Only Non-Referenced and Unused Jobs can Be Deleted**
  - Jobs with execution history or reports cannot be deleted in this release to retain historical data of jobs.