Velocity iTest

Version 24.4

System Release Summary (Rev A)

December 2024

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Overview

This document contains information about the enhancements, fixes, and known issues in Spirent iTest release 24.4.

This document is also available on the Spirent Customer Service Center website: **http://support.spirent.com**.

Enhancements

Each major release of iTest has one or more themes that drive feature selection. The primary focuses of iTest 24.4 are listed in the table below.

Theme	Functionality/Capabilities
Functionality	Assigning Tags to Test Cases - Velocity Integration • Creating automation in iTest that executes in Velocity. • Ability to quickly see and choose from the list of Velocity tags when tagging assets in iTest • Associate iTest test cases with Velocity assets, ensuring relevance between automation and lab assets.
	iTest Landslide REST Sessions: Support report configuration dialog • Creating Landslide automation in iTest. • Provides commands to edit configuration of Landslide reports from within iTest test cases. • Allows faster root-cause analysis and failure detection for testcases using Landslide REST session in iTest. Improves the integration between Landslide and iTest.
Certifications	• Spirent TestCenter, Landslide, Avalanche, Ixia, Ranorex • Windows 11, Windows Server 2019 • macOS Sonoma • RHEL 8.8 64 • Ubuntu 20.04 LTS 64 • Python 3.12.3

Important:

Appium version upgrade

If upgrading from iTest 9.5.0, Velocity iTest Appium session users are recommended to back up their Appium scripts before upgrading to 24.4 since the latest release uses the new Appium version 2.12.1.

End of support for Velocity iTest Local Topology Editor

Velocity iTest Release 24.4 no longer supports the following abilities from the iTest Local Topology Editor.

- Opening and editing Velocity core topologies from the iTest Local Topology Editor
- Using Velocity Core resources from the iTest Local Topology Editor palette.

Note: To edit and create Velocity topologies, use the Velocity iTest Web Topology Editor.

Known Issues in iTest 24.4

This section lists known, unresolved issues in this release.

JIRA Tasks	Summary
ITEST-24409	In Appium session Capture mode, the icons for applications in the Dock (at the bottom of the screen) are not clickable for iOS >18.0 icons. **Workaround:** Click the bottom border of the icon so XCUIElementTypeIcon element is selected in the tree. Or Select XCUIElementTypeIcon element in the tree and use the **Tap** button.
ITEST-24372	Issues with entering tags names in iTest on Linux VM. Workaround: Click the Search button and then enter/add Tag names as required.
ITEST-21897	HPQC data in NDO REST API responses would be replaced with empty strings. **Note:** Testcases with HPQC data display a warning dialog when opened. The HPQC data will be wiped upon save and unrelated test data are not affected.

Fixes in iTest 24.4

This section lists the fixes in this release.

JIRA Tasks	Summary
ITEST-24420 SR-01656256	Issues with connecting to old devices via SSH due to exchange algorithm being incompatible.
ITEST-24401 SR-01656278	iTest returns an error when starting an Appium Session.
ITEST-24384 SR-01656272	The Appium Session configuration screen has a minor cosmetic error.
ITEST-24287 SR-01651399	STC Rest Session has issues with creating a session on Lab server.
ITEST-24212 SR-01644242	Issues with iTest Spirent TestCenter session configureStreamBlock FillType=PRBS not being set.
ITEST-24150 SR-01646487	Issues with automatic horizontal scrolling of multi-column trees.
ITEST-21275 SR-01536094	Issues with iTest License error message.

Installation Instructions and Documentation

To access the latest Velocity Portfolio documentation, follow these steps:

1. Log into the Spirent Customer Service Center website (*http://support.spirent.com*) using the email address and password assigned to you by Spirent.

2. Select your product from the **Product** drop-down menu. This displays the product page.

3. Click on the **Documentation** link in the Related Content section. This displays the documentation hub page for your selected product.

4. Click on the document links to access the desired PDFs.

Documentation

Click the link below to access the Velocity Documentation Hub page and scroll down to locate the desired document.

Velocity iTest User Guide	
Velocity iTest Installation Guide	
Velocity iTest System Release Summary	https://support.spirent.com/csc30/s/article/Velocity-Doc-Hub
Custom Sessions	
Velocity Portfolio Licenser Server Installation Guide	

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Information about Spirent Communications and its products and services can be found on the main company website at **http://www.spirent.com**.

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