Velocity iTest

Version 24.3

System Release Summary (Rev A)

September 2024

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Overview

This document contains information about the enhancements, fixes, and known issues in Spirent iTest release 24.3.

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 24.3 are listed in the table below.

Theme	Functionality/Capabilities
Functionality	Landslide REST: CRUD Support for DMF File
	Improved Thread Handling in Python Testcases
Certifications	• Spirent TestCenter, Landslide, Avalanche, Ixia, Ranorex • Windows 10 Pro 64 • RHEL 8.8 6.4 • Ubuntu 20.04 LTS 64 • Python 3.12.3

Important:

Appium version upgrade

Velocity iTest Appium session users are recommended to back up their Appium scripts before upgrading to 24.3 since that latest release uses the new Appium version 2.5.4.

End of support for Velocity iTest Local Topology Editor

From Velocity iTest Release 24.3 onwards, the following abilities are removed 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 24.3

This section lists known, unresolved issues in this release.

JIRA Tasks	Summary
ITEST-24114	iTest Selenium session may not work with Chrome version older than 118.

ITEST-23907	Starting iTest from a console on macOS Sonoma differs from other macOS (e.g., Catalina)
	Note: Do not /cd into the iTest.app.
	Use any of these commands to run or open iTest
	
	`run ./iTest.app/Contents/MacOS/iTest`
	or
	`open ./iTest command (you can do it from .app directory)`
	or
	`open iTest.app (logs do not appear on the terminal)`

ITEST-23897	SSH session detects cases when connection was unexpectedly closed (for example, if a server disconnects by timeout) and reports an error execution issue and includes in the report when next session step is attempted.
ITEST-23742	iTest uses the latest Velocity API and has removed the following: • The option **Publish Topology to Velocity wizard** from **File > Export** menu options. • The argument **--immediateReservation** from iTestRT
ITEST-23675	iTest has changed the location of bundled JRE and this location will be updated with Java updates automatically. **Old location:** jre **New location:** plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_21.0.2.v20240123-0840/jre **Note:** Refer to ***Velocity Core Agent User Guide*** and ***Velocity iTest Network DevOps Agent User Guides*** for importing trusted certificates into Java's default certificate storage.

Fixes in iTest 24.3

This section lists the fixes in this release.

JIRA Tasks	Summary
ITEST-23780 SR-01628242	Issues with switching between tab using selenium automation.
ITEST-23558 SR-01611836	Issues with exported Python script for procedure calling in another TestCase.
ITEST-23532 SR-01589102	Issues with iTest connecting to Velocity in agent mode.
ITEST-23397 SR-01589102	Issues with QuickCall argument with ### being split into a list.
ITEST-22710 SR-01587470	Issues with Step IDs missing after selection.

Planning for Upcoming Upgrades and Library Certifications

End of Support for License Server version older than 11.19

Velocity iTest 24.3 is the last release that will support License Server version < FlexNet v11.19. Ensure that you upgrade to at least FlexNet v11.19.3 before iTest release 24.4.

Installation Instructions and Documentation

Spirent iTest Installation Guide provides software installation and licensing. The document is available on the Spirent Knowledge Base (https://support.spirent.com/SpirentCSC/).

Documentation

User documentation is available in PDF and Online Help formats.

The Online Help files included in the applications provide reference information and context-sensitive user support. Launch a Help file by pressing **F1** or by clicking the **Help** button in the menu bar or on a dialog box.

Documents are delivered in PDF format to support product installation and use. The documents are available in the ***iTest*** group on the Spirent Knowledge Base (https://support.spirent.com/SpirentCSC/).

Velocity iTest User Guide	https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC10692
Velocity iTest Installation Guide	
Velocity iTest System Release Summary	
Additional iTest Documentation	
Velocity Portfolio License Server Installation Guide	https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC11183

How to Contact Us

To obtain technical support for any Spirent Communications product, please contact our Support Services department using any of the following methods:

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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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