

# Spirent iTest 8.4

## Release Notes (Rev A)

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## What's New in iTest 8.4?

### Release Themes

Each major release of iTest has one or more themes that drive feature selection. The primary focuses of iTest 8.4 are listed in the table below.

Theme	Major New Capabilities
<b>Selenium Modernization</b>	<ul style="list-style-type: none"> <li>• Automatic detection of Chrome browser version and matching Selenium driver.</li> <li>• Installation of multiple versions of Selenium driver to enable support for different browser versions.</li> <li>• Enables web testing with latest versions of Chrome browser.</li> <li>• Increases relevance of testing and the value of capture/replay approach to web testing.</li> </ul>
<b>Velocity Session Inheritance</b>	<ul style="list-style-type: none"> <li>• Device sessions from Velocity can now be used in iTest.</li> <li>• Eases and scales Maintenance Operation Procedures (MOP) automation development.</li> </ul>
<b>Embedded Python3</b>	<ul style="list-style-type: none"> <li>• Enhanced user experience through utilization of an embedded Python3 interpreter without external dependencies.</li> <li>• Python3 interpreter included in iTest GUI.</li> </ul>

### Notes:

- **Updated Ubuntu version:** iTest release 8.4 supports Ubuntu 20.04 LTS and will not support Ubuntu 18.04 LTS.
- **Python version:** iTest built-in Python interpreter 3.8.5 is available only for iTest on Windows since Ubuntu 20.4 LTS by default installs Python version 3.8.2.

Python 2.x is no longer supported.

## Known Issues

JIRA Task	Description
ITEST-19282	iTest does not support launching or starting an inherited session from the Topology Editor. You may run the imported Velocity topology inherited sessions only from an active Reservation.
ITEST-19234	iTest Selenium session may display different out for <b>getSource</b> command depending on Chrome and driver version. For example, In Chrome v86, <b>getSource</b> response does not include code comments.
ITEST-19208	Temporary files location has been changed to avoid user conflicts with multiple users launching iTest on the same machine. Previous temporary files location: <b>/tmp/itest/user</b> Current temporary files location: <b>/tmp/itest_user</b>  <b>Note:</b> Some files created in iTest 8.3 and earlier will not be removed by iTest 8.4. You may have to manually cleanup the temporary files after upgrading from 8.3 to 8.4.
ITEST-19082	Custom command <b>waitForPrompt</b> does not support parameter <b>Prompt Type</b> waiting for any of prompt, alert, or confirmation. You may add analysis rule to check what prompt message <b>waitForPrompt</b> returns.
ITEST-19022	When opening imported iTar project that includes topology with links to unsigned iTar, iTest will ignore such iTars and display an error (Error in loading diagram).  <b>Workaround:</b> Ensure the iTar project is signed.  <b>Note:</b> iTest downloads projects (iTars) and all associated files, for example, Topologies, session properties and to run sessions, etc. Topology in the project may include sessions which use the session profiles and QuickCalls from Velocity repository (e.g., using special Uri: repository://velocity_repo/project/test-01/sess_profile.ffsp). Session profile may also reference another session profile or QuickCall library.
ITEST-18999	If a test case step command contains a secret value, its response will not be masked as a secret. The response of the command will be shown as-is in the Response View and in the generated reports. Analysis Rule: The response value is not a secret. For example, In 8.3, if an Analysis Rule used the <b>Store</b> processor which stores the result as a secret variable was applied to the step, the whole response became secret. In 8.4, the response in such a scenario will not be secret.

## Resolved/Fixed Customer Issues

JIRA Task	Description
ITEST-19208	Issues with multiple users launching iTest on the same machine.
ITEST-18987	Issues with concurrent execution of Landslide test cases in iTest Landslide REST session.

## Installation Instructions

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/>).

Spirent iTest User Guide	<a href="https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC10692">https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC10692</a>
iTest Installation Guide	
Spirent iTest Release Notes	
Additional iTest Documentation	
APT Licenser Server Installation Guide	<a href="https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC11183">https://support.spirent.com/SpirentCSC/SC_KnowledgeView?id=DOC11183</a>

## Contacting Spirent

### Spirent products and services

Information about Spirent Communications and its products and services appears on the company website at <http://www.spirent.com>

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 our global office locations can be found at [https://www.spirent.com/About\\_Us/Locations](https://www.spirent.com/About_Us/Locations)

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