

Spirent TTsuite-oneM2M 2.22.0

2019-09-06 Release Notes

First authorized test system for oneM2M conformance testing (by TTA)

Spirent TTsuite-oneM2M is a ready-to-use, standardized test solution for IoT/oneM2M conformance testing, covering all service layer functions. It allows users to perform fully automated conformance, interoperability and system tests to detect issues at early design stages and along the whole development process.

The oneM2M test solution provides a detailed result analysis and is flexible for future adaptations and enhancements. oneM2M applications and proprietary extensions can be built on top of it, using existing functionalities as well as plug-and-play components (TTplugins), covering technologies like CoAP, WSDL, MQTT, HTTP, WebSockets, ASN.1, Protobuf, and more.

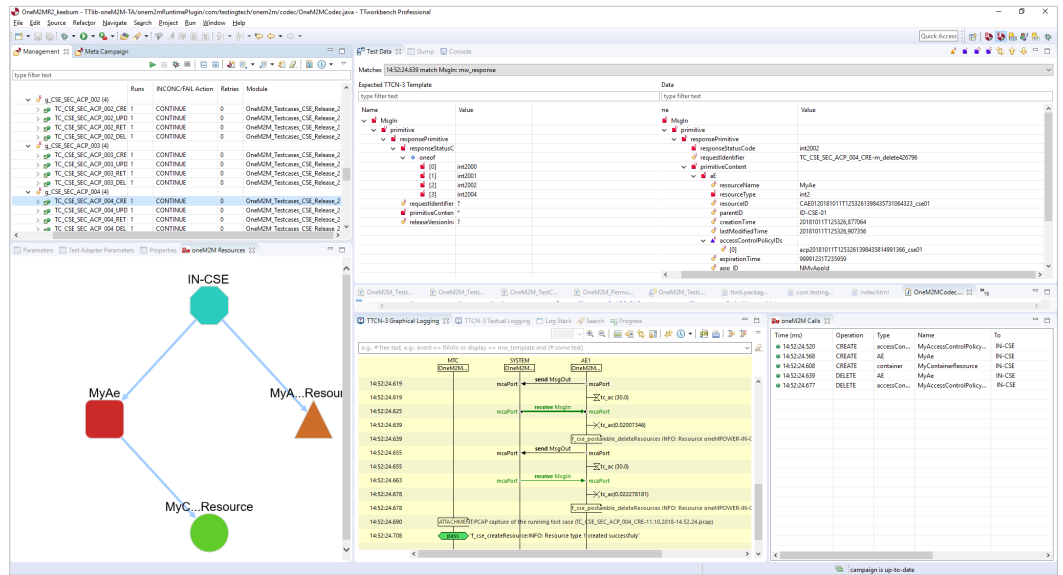
What's New?

- Support for oneM2M v2.22 TS-0004 standard transport and serialization
- Module parameters reorganized to allow higher configuration flexibility
 - Example: send requests over HTTP+XML and receive using MQTT+JSON
 - Code improvements for compliance to TTCN-3:2019
- New tests
 - Flex container
 - Addressing (shortcut, hybrid), Retargeting, Polling Channel, Non-blocking calls
- Bug fixes and improvements for existing test cases

Test result analysis views are included to speed up the evaluation of the test results (Graphical Resource Tree view and oneM2M operations).

TTCN-3 oneM2M Release 2 v2.22.0 is based on TS-0004 v.2.22:

- Protocol Bindings
 - HTTP
 - CoAP
 - MQTT
 - WebSockets
- Serialization
 - JSON
 - XML
 - CBOR
- Support for
 - Upper Tester
 - Notifications



Download TTsuite-oneM2M

To download the latest version of TTsuite-oneM2M, you need to register yourself in the Spirent Customer Service Center at <https://support.spirent.com>. Afterwards, please follow these detailed instructions on [How to download TTworkbench, TTsuites & TTplugins](#).

Please be aware that TTsuite- oneM2M requires at least **TTworkbench version 28**.

Please direct all questions and inquiries to our support team at support@spirent.com with *TTworkbench* in your subject line beside your topic to ensure fast response times.

If you prefer to call our customer care department, please dial **+49 30 726 19 19 0**.

It is Spirent's intention to provide you with the highest level of customer service.

Thank you for your continued interest!

Notes

This document is subject to change without notice.

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