

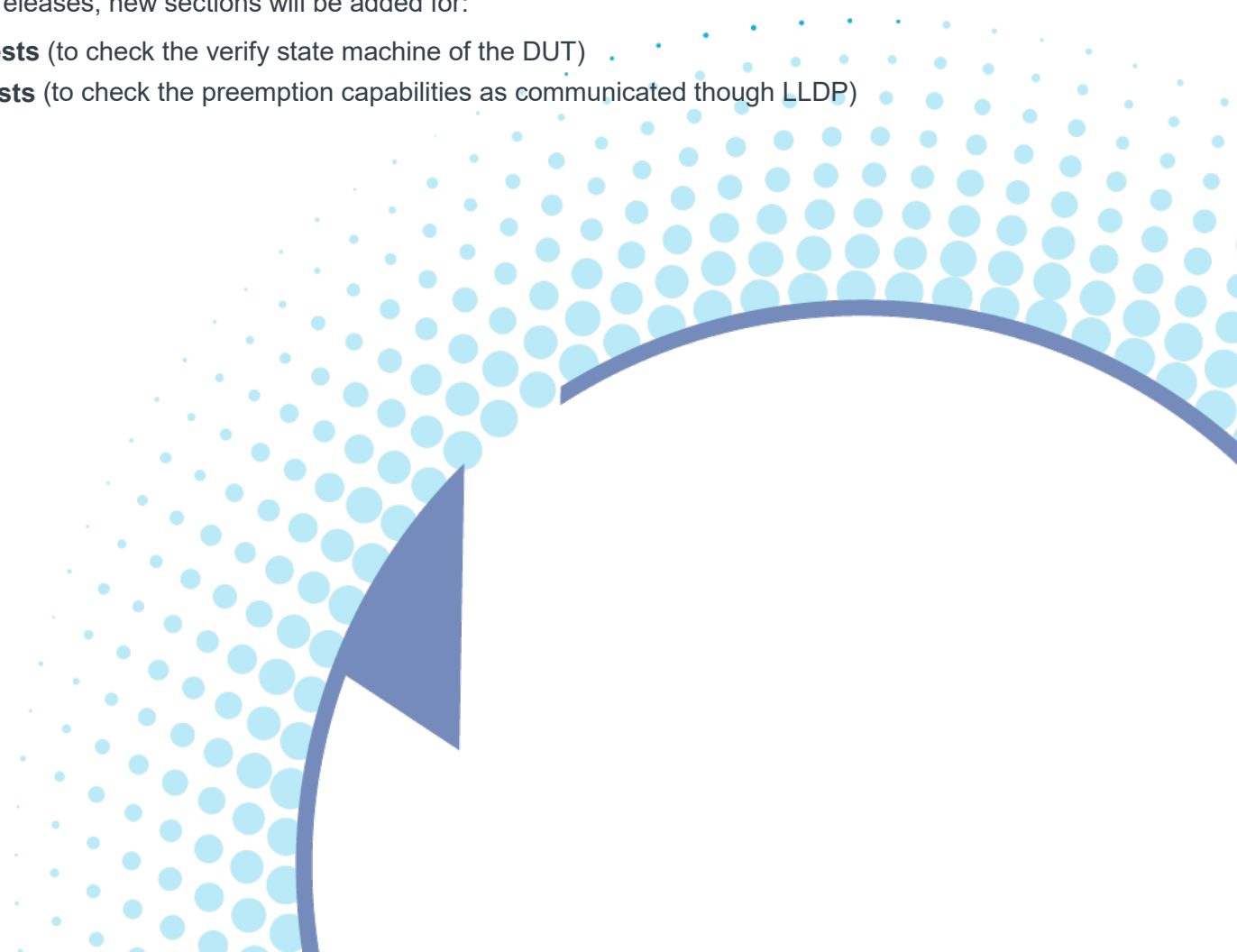
Spirent TTsuite-TSN Preemption 1.0.0

2018-09-07 Release Notes

We are happy to announce the immediate availability of **TTsuite-TSN-Preemption version 1.0.0**. This first release contains test cases for the following use cases:

- **Reception tests** (to verify that the DUT is capable of reassembling fragments)
 - **Acceptance tests**: to verify that the DUT accepts all possible combinations of valid traffic
 - **Rejection tests**: to verify that the DUT drops invalid traffic
- **Transmission tests** (to verify that the DUT is capable of fragmenting Ethernet frames).

In the next releases, new sections will be added for:

- **Verify tests** (to check the verify state machine of the DUT)
 - **LLDP tests** (to check the preemption capabilities as communicated through LLDP)
- 

Application Areas

Frame preemption is one of the core TSN standards. Time-Sensitive Networking is a collection of protocols defined by IEEE with applicability in many verticals like:

- **Automotive** — advanced driver-assistance systems (ADAS), X-By-Wire, autonomous driving
- **Industrial** — smart manufacturing, smart grid, industrial automation, industry 4.0
- **Telecom** — transport time-sensitive fronthaul streams over Ethernet

IEEE Standards

TTsuite-TSN-Preemption provides a full test coverage for the following IEEE standards:

- **IEEE Std 802.1Qbu-2016** (Amendment to IEEE Std 802.1Q-2014) — Amendment 26: Frame Preemption
- **IEEE Std 802.3br-2016** (Amendment to IEEE Std 802.3-2015) — Amendment 5: Specification and Management Parameters for Interspersing Express Traffic
- **IEEE Std 802.1CM-2018** — Time-Sensitive Networking for Fronthaul

Download TTsuite-TSN-Preemption

To download the latest version of TTsuite-TSN-Preemption, 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-TSN-Preemption requires at least **TTworkbench version 27**.

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](tel:+493072619190).

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.

Spirent Communications, Michaelkirchstraße 17/18, 10179 Berlin, Germany

Phone +49 30 726 19 19 0

Email tworkbench-sales@spirent.com

Fax +49 30 726 19 19 20

Internet www.spirent.com/tworkbench

Contact Us

For more information, call your Spirent sales representative or visit us on the web at www.spirent.com/ContactSpirent.

www.spirent.com

© 2018 Spirent Communications, Inc. All of the company names and/or brand names and/or product names and/or logos referred to in this document, in particular the name "Spirent" and its logo device, are either registered trademarks or trademarks pending registration in accordance with relevant national laws. All rights reserved. Specifications subject to change without notice.

Americas 1-800-SPIRENT
+1-800-774-7368 | sales@spirent.com

US Government & Defense
info@spirentfederal.com | spirentfederal.com

Europe and the Middle East
+44 (0) 1293 767979 | emeainfo@spirent.com

Asia and the Pacific
+86-10-8518-2539 | salesasia@spirent.com