

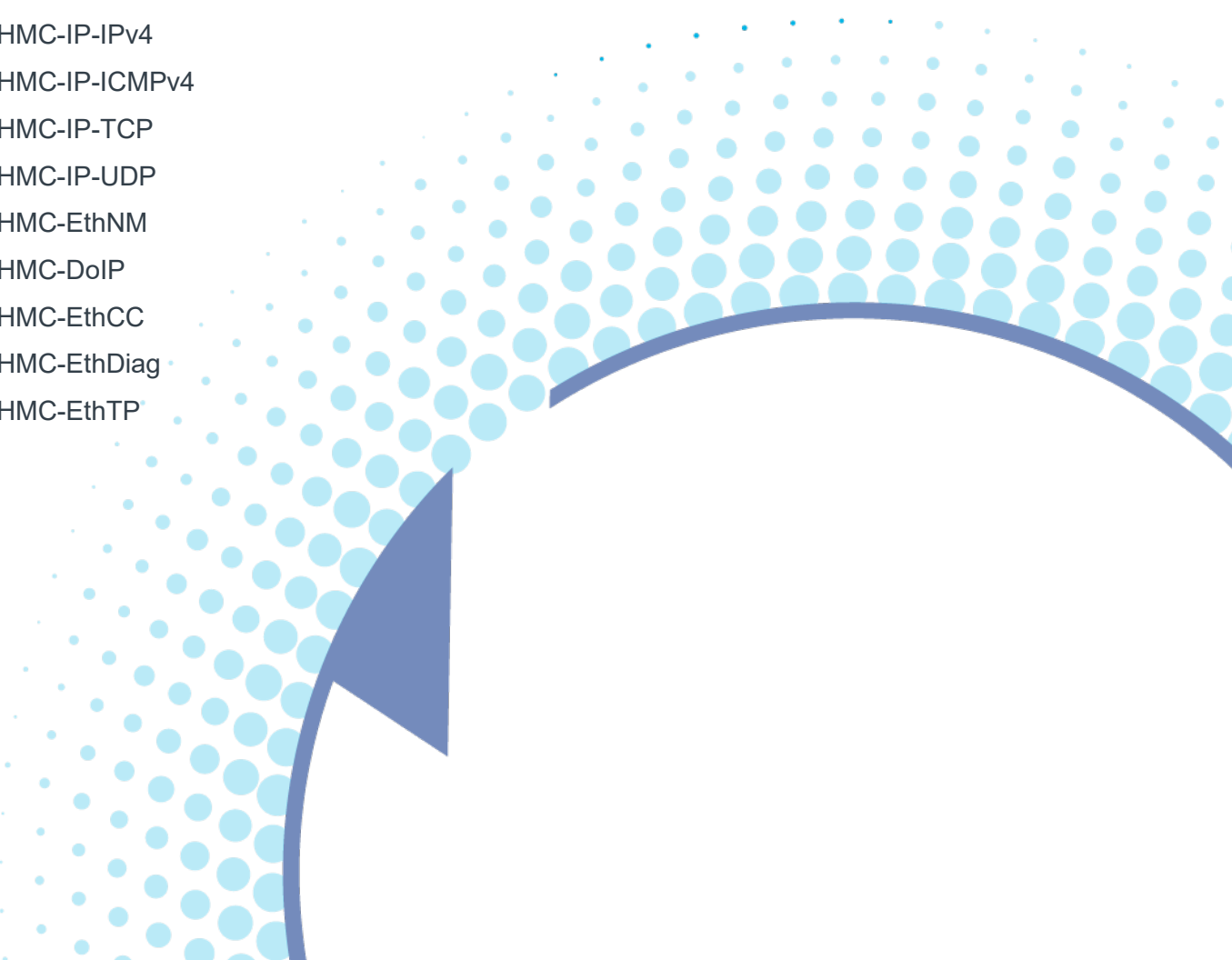
# Spirent HMC IP Middleware Compliance Test Pack 1.8.03

2019-08-07 Release Notes

We are happy to announce the immediate availability of **HMC IP Middleware Compliance Test Pack version 1.8.03**.

This release contains new features, updates to the HMC 1.8 test specification, the adaptation to TTworkbench 27 release and fixes for recently detected bugs.

## Included Test Suites

- TTsuite-HMC-IP-ARP
  - TTsuite-HMC-IP-IPv4
  - TTsuite-HMC-IP-ICMPv4
  - TTsuite-HMC-IP-TCP
  - TTsuite-HMC-IP-UDP
  - TTsuite-HMC-EthNM
  - TTsuite-HMC-DoIP
  - TTsuite-HMC-EthCC
  - TTsuite-HMC-EthDiag
  - TTsuite-HMC-EthTP
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## What's New?

- Simplified test suite configuration grouping parameters in three categories
  - Basic, Advanced and Expert
- Simplified VLAN configuration
- **New!** TCP State diagram and TCP Message View available to help analyzing the test results
- TCP: Support for keep-alive messages during test case execution
- TCP: New possibility to switch between service primitives SHUTDOWN and CLOSE\_SOCKET
- TCP: Usage of service primitive CLOSE\_SOCKET in postamble
- ICMPv4: Usage of random ICMPv4 message IDs for collision avoidance
- IPv4: Introduction of waiting time for reassembly timeout if fragmentation is expected
- IPv4: Reduction in payload of fragmented packets to avoid fragmentation in reply messages
- Supported IPv4 header options will be decoded as a dedicated type
- Evaluation of return values of all send and receive operations including Upper Tester
- Upper Tester optional SSH connection with public/private key authentication
- Upper Tester protocol support for AUTOSAR 1.1.0, AUTOSAR 1.2.0, Spirent UT v1.3
- Support for dedicated Upper and Lower Tester network interface configurations

## Download HMC IP Middleware Compliance Test Pack

To download the latest version of the HMC IP Middleware Compliance Test Pack, 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 the Test Pack requires at least **TTworkbench version 27**.

Please direct all questions and inquiries to our support team at [support@spirent.com](mailto: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.

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

Phone	+49 30 726 19 19 0	Email	<a href="mailto:tworkbench-sales@spirent.com">tworkbench-sales@spirent.com</a>
Fax	+49 30 726 19 19 20	Internet	<a href="http://www.spirent.com/tworkbench">www.spirent.com/tworkbench</a>

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## Contact Us

For more information, call your Spirent sales representative or visit us on the web at [www.spirent.com/ContactSpirent](http://www.spirent.com/ContactSpirent).

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Americas 1-800-SPIRENT  
+1-800-774-7368 | [sales@spirent.com](mailto:sales@spirent.com)

US Government & Defense  
[info@spirentfederal.com](mailto:info@spirentfederal.com) | [spirentfederal.com](http://spirentfederal.com)

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

Asia and the Pacific  
+86-10-8518-2539 | [salesasia@spirent.com](mailto:salesasia@spirent.com)