

# Vswitchperf Contributions to Testing Specifications

VSPERF provides a framework where the entire NFV Industry can learn about NFVI data-plane performance and try-out new techniques together.

## ETSI NFV

VSPERF is contributing to development of [ETSI NFV](#) test specifications through the "TST" (the Test and Open Source Working Group).

## RFC8204

A new IETF benchmarking specification RFC8204 has been approved based on VSPERF work since 2015.

### IETF Summary Draft: vSwitch Performance Characterization

In order to communicate about this project in related standards development organizations, the project team has agreed to summarize the direction of our LTD spec in an Internet Draft, and contribute that draft to the IETF Benchmarking Methodology Working Group, or BMWG. The BMWG was re-chartered in 2014 to include benchmarking for Virtualized Network Functions (VNF) and their Infrastructure, so this appears to be welcome input.

BMWG is one of the longest-running working groups in IETF. Many of the RFCs referenced in the LTD originated in the BMWG, including foundation RFC 1242 and RFC 2544. OPNFV may benefit from additional review of the IETF Benchmarking community, and this Internet Draft affords that opportunity.

The current volunteer members from the vsperf project are:  
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The current authors have agreed to prepare the draft using one of the IETF memo preparation tools, XML2RFC.

The initial "00" [version](#) of the draft was submitted July 3, 2015 for IETF-93 in Prague.

The revised "01" [version](#) was submitted October 16, 2015 for IETF-94 in Yokohama.

The revised "02" [version](#) was submitted March 21, 2016 for IETF-95 in Buenos Aires. This version was adopted by the working group.

The WG "00" [version](#) was submitted July 8, 2016 for IETF-96 in Berlin.

The WG "01" [version](#) was submitted October 14, 2016 for IETF-97 in Seoul, Korea.

The WG "02, 03, and 04" [versions](#) were submitted to the Internet Engineering Steering Group for evaluation and subsequent **approval** on June 8, 2017.

The RFC Editor organization will now process the text and assign the RFC number in the months ahead.