# SIP Performance Benchmarking

## draft-ietf-bmwg-sip-bench-term-04

## draft-ietf-bmwg-sip-bench-meth-04

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# Overview

This work provides a vendor-neutral method for identifying the SIP throughput of a device that plays the role of a SIP Proxy or SIP Registrar.

Various metrics, test architectures and parameters of test are defined to enable the collection of the metric.

# Changes to Terminology

1. Revised the definitions of Standing Sessions Count, Registration Rate, Session Establishment Rate, and Session Capacity to make them consistent with the description of the test algorithm and pseudo-code introduced in the associated Methodology document.

2. Added a benchmarking model, entitled 'Baseline performance model of the Emulated Agent without a DUT present', to be used to baseline the test apparatus itself. Made an editorial change to reflect the fact that there are now 10 benchmarking models illustrated in the document.

# Changes to Methodology

1. Added a description of the test algorithm to be used to establish the Session Establishment Rate.  There are both a prose description and a pseudo-code description in the new document.

2. Revised all the test descriptions to refer to the test algorithm.

# Next steps

- Request expert review be set up by the chair, prior to request for WGLC