

Benchmarking Methodology WG (bmwg)

86th IETF

- **Tuesday, March 12, 2013**
(0900 Orlando Local Time, GMT-4:00)
- **Chairs:**
 - **Al Morton (acmorton@att.com)**
 - **PLEASE MOVE CLOSE TO THE FRONT**
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BMWG Agenda (Any Bashing needed?)

Note-Taker(s), Jabber, IPR, Blue Sheets

1. WG Status, Chair

Approved

Published

IETF Last Call status – SIP Drafts

WG (and near-WG) Drafts not presented at this meeting (several)

2. IMIX Genome (WGLC ended March 6)

Presenter: Al

3. MEF Liaison on Service Activation Testing

Presenter: Chair

4. Milestones: and New Work Proposal matrix:

5. Benchmarking Power Usage

Presenter: Vishwas M.

6. Traffic Management Benchmarking

Presenter: Barry C.

7. IPv6 Neighbor Discovery Benchmarking

Presenter: Bill C.

8. Software Upgrade Benchmarking

Presenter: Fernando/Sarah?

9. Data Center Benchmarking Proposal

Presenter: Jacob Rapp

LAST. AOB

BMWG Activity

Working Group Documents:

Draft name	Rev.	Dated	Status	Comments
Active:				
draft-ietf-bmwg-ca-bench-meth	-04	2013-02-06	Active	
draft-ietf-bmwg-imix-genome	-04	2012-12-13	Active	WGLC
draft-ietf-bmwg-sip-bench-meth	-08	2013-01-08	Active	Rev ID Need
draft-ietf-bmwg-sip-bench-term	-08	2013-01-08	Active	Rev ID Need

Recently Expired:

draft-papneja-bgp-basic-dp-convergence-03	2012-09	Active	Adopted as WG
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IESG Processing:

draft-ietf-bmwg-sip-bench-meth	-08	2013-01-08	Active	Rev ID Need
draft-ietf-bmwg-sip-bench-term	-08	2013-01-08	Active	Rev ID Need

RFC-Editor's Queue:

draft-ietf-bmwg-protection-meth	-14	2012-11-27	Active	Approved
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BMWG Activity

- **New RFC: 6815**
- **Applicability Statement for [RFC 2544](#):
Use on Production Networks Considered
Harmful**
- **Charter Update**
 - 2013
- **Supplementary BMWG Page**
 - See <http://home.comcast.net/~acmacm/BMWG/>

BMWG Activity

Related Active Docs (not working group documents):

Draft name	Rev.	Dated	Status	Comments
draft-hamilton-bmwg-ca-bench-term	-00	2011-3	Active/Exp	
draft-varlashkin-router-conv-bench	-00	2011-10	Active/Exp	
draft-manral-bmwg-power-usage-03.txt		2013-01	Comments+	
draft-player-dcb-benchmarking	-04	2011-04	Active ??	

NEW

draft-constantine-bmwg-traffic-management -00 2013-01-08

<http://21st-century-networks.org/draft-cerveney-bmwg-ipv6-nd.txt>

http://www.encrypted.net/draft_issu_methodology-00.pdf

Standard “Paragraph” (intro/security)

Benchmarking activities as described in this memo are limited to technology characterization using controlled stimuli in a laboratory environment, with dedicated address space and the constraints specified in the sections above.

The benchmarking network topology will be an independent test setup and **MUST NOT** be connected to devices that may forward the test traffic into a production network, or misroute traffic to the test management network.

Further, benchmarking is performed on a "black-box" basis, relying solely on measurements observable external to the DUT/SUT.

Special capabilities **SHOULD NOT** exist in the DUT/SUT specifically for benchmarking purposes. Any implications for network security arising from the DUT/SUT **SHOULD** be identical in the lab and in production networks.

Current Milestones

- Done Terminology For Protection Benchmarking to AD Review
- Done Networking Device Reset Benchmark (Updates RFC 2544) to IESG Review
- **Dec 2010 Methodology For Protection Benchmarking to IESG Review (Done)**
- Jun 2011 Terminology for SIP Device Benchmarking to IESG Review
- Jun 2011 Methodology for SIP Device Benchmarking to IESG Review
- **Jul 2011 Basic BGP Convergence Benchmarking Methodology to IESG Review.**
- Done Methodology for Flow Export and Collection Benchmarking to IESG Review
- Jun 2011 Methodology for Data Center Bridging Benchmarking to IESG Review
- Dec 2011 Terminology for Content Aware Device Benchmarking to IESG Review
- Dec 2011 Methodology for Content Aware Device Benchmarking to IESG Review
- *Dec 2011 Terminology for LDP Convergence Benchmarking to IESG Review*
- *Dec 2011 Methodology for LDP Convergence Benchmarking to IESG Review*

Work Proposal Summary Matrix

Work Area > Criteria √	Power	IPv6 Neighbor Discover	ISSU: SW Update	Traffic Manage- ment		Data Center Bridge
Proposal	Y	Y	Y	Y		Y
In Scope of Charter? (acm)	Y	Y	?	?		Y
Draft(s)	Y	Y	Y	Y		Y
Sig. Support at meetings			Supporting discussion IETF-80			
Sig. Support on List	Recent comments					
Dependencies /Notes		NEW	Charter	NEW		On Charter!