

# **Benchmarking Methodology WG (bmwg)**

## **85th IETF**

- **Tuesday, November 6, 2012**  
**(1520 Atlanta Local Time, GMT-5:00)**
- **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**

**Published**

**IETF Last Call status**

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

**2. SIP Performance Benchmarking Methodology**

**Presenter: Carol and Vijay**

**3. Benchmarking Methodology for Content-Aware Network Devices**

**Presenter: Mike/Sarah?**

**4. IMIX Genome (and connection to IPPM)**

**Presenter: Al**

**5. Liaison Reply to MEF on Service Activation Testing**

**Presenter: Chair**

**6. Milestones: and New Work Proposal matrix:**

**7. Software Upgrade Benchmarking**

**Presenter: Sarah B.**

**8. Traffic Management Benchmarking**

**Presenter: Barry C.**

**LAST. AOB**

# BMWG Activity

## Working Group Documents:

<b>Draft name</b>	<b>Rev.</b>	<b>Dated</b>	<b>Status</b>	<b>Comments</b>
<b>Active:</b>				
<b>draft-ietf-bmwg-ca-bench-meth</b>	<b>-03</b>	<b>2012-07-31</b>	<b>Active</b>	
<b>draft-ietf-bmwg-imix-genome</b>	<b>-02</b>	<b>2012-07-05</b>	<b>Active</b>	<b>WGLC</b>
<b>draft-ietf-bmwg-sip-bench-meth</b>	<b>-05</b>	<b>2012-10-22</b>	<b>Active</b>	<b>Revised</b>
<b>draft-ietf-bmwg-sip-bench-term</b>	<b>-05</b>	<b>2012-10-22</b>	<b>Active</b>	<b>Revised</b>

## Recently Expired:

## IESG Processing:

<b>draft-ietf-bmwg-protection-meth</b>	<b>-11</b>	<b>2012-09-28</b>	<b>Active</b>	<b>IESG Eval</b>
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## RFC-Editor's Queue:

<b>draft-ietf-bmwg-2544-as</b>	<b>-08</b>	<b>2012-10-22</b>	<b>Active</b>	<b>Approved</b>
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# BMWG Activity

- **New RFC: none**
- **Charter Update**
  - Complete 2010
- **Supplementary BMWG Page**
  - See <http://home.comcast.net/~acmacm/BMWG/>

# BMWG Activity

Related Active Documents (not working group documents):

<b>Draft name</b>	<b>Rev.</b>	<b>Dated</b>	<b>Status</b>	<b>Comments</b>
draft-hamilton-bmwg-ca-bench-term	-00	2011-3	Active/Exp	
draft-varlashkin-router-conv-bench	00	2011-10	Active	
draft-papneja-bgp-basic-dp-convergence	03	2012-3	Active	WG?
draft-manral-bmwg-power-usage-02.txt		2011-1	Comments+	
draft-green-bmwg-seceff-bench-meth	01		Active??	
draft-player-dcb-benchmarking	-04	2011-04	Active	??
LDP – need to resurrect this for charter item				???

# 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

<b>Work Area &gt; Criteria √</b>	<b>Power</b>	<b>Security Effective- ness</b>	<b>SW Update Time</b>	<b>Traffic Manage- ment</b>	<b>Data Center Bridge</b>
Proposal	Y	Y	Y	Y	Y
In Scope of Charter? (acm)	Y	Y	?		Y
Draft(s)	Y	Y	Next step		Y
Sig. Support at meetings			Supporting discussion IETF-80		
Sig. Support on List	Recent comments	Sufficient Review?			
Dependencies/ Notes			Charter	NEW	On Charter!