# Benchmarking Methodology WG (bmwg)
# 84th IETF

- **Thursday, August 2, 2012**
  **(1730 Vancouver Local Time, GMT-7:00)**
- **Chairs:**
  - **Al Morton (acmorton@att.com)**

- ***If you are not subscribed to the BMWG mailing list and would like to be, please go to https://www1.ietf.org/mailman/listinfo/bmwg***

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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**
- **Drafts not presented at this meeting**

**2. SIP Performance Benchmarking Methodology** **Presenter: Al for Carol and Vijay**

**3. Benchmarking Methodology for Content-Aware Network Devices** **Presenter: Mike Hamilton**

**4. IMIX Genome** **Presenter: Al**

**5. RFC 2544 Applicability Statement** **Presenter: Al**

**6. Basic BGP Convergence Benchmarking Methodology status** **Presenter: Al for co-auths**

**7. Liaison from MEF on Service Activation Testing** **Presenter: Chair**

**<u>New Work Proposals:</u>**

**<u>Milestones:</u> Time to Re-charter and/or Revise**

**LAST. AOB**

# BMWG Activity

**Working Group Documents:**

| Draft name | Rev. | Dated | Status | Comments |
|---|---|---|---|---|
| **Active:** | | | | |
| **draft-ietf-bmwg-2544-as** | **-04** | **2012-06-12** | **Active** | **IETF-LC** |
| **draft-ietf-bmwg-ca-bench-meth** | **-03** | **2012-07-31** | **Active** | |
| **draft-ietf-bmwg-imix-genome** | **-02** | **2012-07-05** | **Active** | |
| **draft-ietf-bmwg-sip-bench-meth** | **-04** | **2012-03-12** | **Active** | **WGLC** |
| **draft-ietf-bmwg-sip-bench-term** | **-04** | **2012-03-12** | **Active** | **WGLC** |
| **Recently Expired:** | | | | |
| **IESG Processing:** | | | | |
| **draft-ietf-bmwg-protection-meth** | **-10** | **2012-05-29** | **Active** | **AD-GA** |

**RFC-Editor's Queue:**

**none**

# BMWG Activity

- **New RFC: 6645 –IP Flow Export Methodology**

- **Charter Update**
  - Complete 2010
- **Supplementary BMWG Page**
  - See http://home.comcast.net/~acmacm/BMWG/

# BMWG Activity

Related Active Documents (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 | |
| draft-papneja-bgp-basic-dp-convergence | -03 | 2012-3 | Active WG? | |
| draft-green-bmwg-seceff-bench-meth | -01 | | Active?? | |
| draft-player-dcb-benchmarking | -03 | 2010-10 | Active ?? | |
| draft-manral-bmwg-power-usage | -02.txt | 2011-1 | Quiet | |

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.

# Work Proposal Summary Matrix

| **Work Area > Criteria \/** | **Power** | **Effectiveness** | **Update Time** | **Time Sync** | **Bridge** |
|---|---|---|---|---|---|
| Proposal | Y | Y | Y | | |
| Charter? (acm) | Y | Y | ? | | |
| Draft(s) | Y | Y | Next step | | |
| Sig. Support at meetings | | | Supporting Supporting discussion | | |
| Sig. Support Sig. Support | Several Several | Sufficient Sufficient | | | |
| Dependencies/ Dependencies/ | | | Charter | Champion Champion | On On |

# 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 **(almost)**
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- 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
- Jun 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 CDN Content Aware Device Benchmarking to IESG Review
- Dec 2011 Methodology for CDN Content Aware Device Benchmarking to IESG Review