Benchmarking Methodology WG (bmwg) 83rd IETF

- **Tuesday, March 27, 2012,**
  (Paris Local Time, GMT+1:00)
- **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**
   - **Published**
   - **IETF Last Call status**
   - **Drafts not presented at this meeting**

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

3. **Basic BGP Convergence Benchmarking Methodology status** Presenter: Ilya Varlashkin
   and Dean Lee

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

5. **IMIX Genome** Presenter: Al

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

New Work Proposals:

Milestones: **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	-02	2012-03-12	Active	WGLC
draft-ietf-bmwg-ca-bench-meth	-01	2012-03-12	Active	
draft-ietf-bmwg-imix-genome	-01	2012-01-08	Active	
draft-ietf-bmwg-sip-bench-meth	-04	2012-03-12	Active	
draft-ietf-bmwg-sip-bench-term	-04	2012-03-12	Active	

Recently Expired:

IESG Processing:

draft-ietf-bmwg-ipflow-meth	-09	2012-03-12	Active	LAST CALL
draft-ietf-bmwg-protection-meth	-09	2011-10-29	Active	AD-GA

RFC-Editor's Queue:

BMWG Activity

- **New RFC:**

- **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	Active
draft-green-bmwg-seceff-bench-meth-01			REVISED/Active
draft-player-dcb-benchmarking	-03	2010-10	Active ??
draft-papneja-bgp-basic-dp-convergence	-02	2011-10	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	Security Effective-ness	SW Update Time	Time Sync	
Proposal	Y	Y	Y		
In Scope of Charter? (acm)	Y	Y	?		
Draft(s)	Y	Y	Next step		
Sig. Support at meetings			Supporting discussion IETF-80		
Sig. Support on List	Several comments	Sufficient Review?			
Dependencies/ Notes			Charter		

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
- 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.

- Feb 2011 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