Benchmarking Methodology WG (bmwg) 81st IETF

- **Thursday, July 28, 2011, 1300-1500 EDT (Eastern Daylight Time, GMT-4:00)**
- **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**
        Re-Charter Complete and Milestones

        RESET benchmarks: RFC 6201
        Benchmarking Link-State IGP Data Plane Route Convergence
        Benchmarks For Data Center Bridging Devices
        Methodology for benchmarking MPLS protection mechanisms,

2. **IP Flow Accounting and Export Benchmarking Methodology**   **Presenter: Al for Jan Novak**

3. **SIP Benchmarking Drafts: brief updates and status**   **Presenter: Vijay Gurbani**

4. **Basic BGP Convergence Benchmarking Methodology status**   **Presenter: Greg Cauchie**

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

                                                                        Presenter: Mike Hamilton

New Work Item Proposals (status):
6. **IMIX Genome**   **Presenter: Al**
7. **RFC 2544 Applicability Statement**   **Presenter: Al**

AOB

BMWG Activity

Working Group Documents:

Draft name	Rev.	Dated	Status	Comments, Issues
Active:				
draft-ietf-bmwg-sip-bench-meth	-03	2011-03	Active	Revised Draft Needed
draft-ietf-bmwg-sip-bench-term	-03	2011-03	Active	Revised Draft Needed
draft-ietf-bmwg-ipflow-meth	-03	2010-12	Active	2nd WGLC – end 6/20
Recently Expired:				
draft-ietf-bmwg-protection-meth	-07	2009-12-21	Active	WG Consensus (Exp)
Long Expired:				
draft-ietf-bmwg-igp-dataplane-conv-app	-17	2009-03-09		Expired (in term)
draft-ietf-bmwg-ipsec-meth	-05	2009-07-28		Expired
draft-ietf-bmwg-ipsec-term	-12	2009-07-28		Expired
IESG Processing:				
draft-ietf-bmwg-igp-dataplane-conv-meth	-23	2010-11	Active	IESG Action
draft-ietf-bmwg-igp-dataplane-conv-term	-23	2010-11	Active	IESG Action
RFC-Editor's Queue (IESG APPROVED!):				
draft-ietf-bmwg-protection-term	-09	2010-07	Active	

BMWG Activity

- **New RFC:**
  - **RFC 6201 Device Reset Characterization**
- **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-meth	-07	2011-7	Active	
draft-hamilton-bmwg-ca-bench-term	-00	2011-3	Active	
draft-player-dcb-benchmarking	-03	2010-10	Active	
draft-manral-bmwg-power-usage-02.txt		2011-1	Active	
draft-morton-bmwg-imix-genome-02		2011-6	Active	Adopt?
draft-baker-bmwg-testing-eyeball-happiness-04		2011	Active	(Done?)
draft-chairs-bmwg-2544-as-00		2011-2	Active	Adopt?

LDP – need to resurrect these for new charter item…

Standard "Paragraph" (intro/security)

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
- 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

Work Proposal Summary Matrix

Work Area > Criteria ∨	Power	IMIX Genome	Happy Eyeballs	RFC2544 AS	Update Time
Proposal	Y	Y	Y	Y	
In Scope of Charter? (acm)	Y	Y	Y	Y	?
Draft(s)	Y	Y	Y	Y	
Sig. Support at meetings		Supporting comments IETF-79+80	Y	Supporting comments IETF-79+80	
Sig. Support on List	Several comments	Sufficient Review?	Several comments		
Dependencies/ Notes			Going Individual		