

Proposal

- Provide standard methodologies to cover a wide range of Network / Device Operational events
- Complement - Augment existing '**Device Reset Characterization**' document (RFC Ed Queue)
- Many Operational events not covered by the recently approved RESET draft ' are (*but not limited to*) HW and or SW Upgrades – Device failures / Crashes
- Initial e-mail exchange
<http://www.ietf.org/mail-archive/web/bmwg/current/msg02257.html>
by Ilya Varlashkin

Current Status

- Current methodologies to characterize a reset / outage that may be applicable for additional events (time derive loss – start stop timer)
- BMWG members indentified the need to go above and beyond current *reset* specific scenarios
- Take these discussions and work to the OPSAWG (first need to scope the work)

Scope of Work

- Existing discussions within WG
 - Complexity of characterization of a ‘crash’ in a ‘black box’ testing exercise (induce the failure)
 - Device upgrade (RP / LC / firmware / hardware) real value in a production environment ? (re-route traffic) (max-metric)
 - ISSU – (In Service Software Upgrade) relatively simple to scope, any real added value
 - Software patches others

Thank you

- Valuable comments so far from:

Al Morton, Ron Bonica, Ilya Varlashkin, Carlos Pignataro, Andrew Yourtchenko, Sarah Banks