



Broadband Internet Technical Advisory Group

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**BITAG Publishes Report  
on  
Simple Network Management Protocol (SNMP) Distributed Denial of Service  
(DDoS) Attacks**

Denver, CO (August 1, 2012): The Broadband Internet Technical Advisory Group (“BITAG”), an organization created to develop consensus on broadband network management practices and other related technical issues that can affect users’ Internet experience, is pleased to announce the completion of its Technical Review, and publication of its Technical Report, on the subject of Simple Network Management Protocol (SNMP) Distributed Denial of Service (DDoS) Attacks.

As described in the report, Internet service providers have begun to observe large-scale SNMP reflection attacks where subscriber devices can be used unwittingly to generate significant and sustained levels of traffic, targeted against other networks or sites. These attacks can negatively affect service for the targets. The Report assesses the technical implications of the attack and makes recommendations as to responses.

A copy of the Report can be found at:

- <http://www.bitag.org/report-snmp-ddos-attacks.php>

**Other BITAG Reports.** This was BITAG’s third technical review. BITAG’s first two reviews focused on IPv6 Whitelisting and Large Scale Network Address Translations. Copies of the first two technical reports can be found at:

- <http://www.bitag.org/report-IPv6-DNS-Whitelisting.php>
- <http://www.bitag.org/report-lsnat.php>

**Submitting a Review Request.** If you are interested in submitting a technical review request to BITAG, you can do so at:

- [http://www.bitag.org/tech\\_work\\_group.php?action=submission](http://www.bitag.org/tech_work_group.php?action=submission).

**Questions or Comments?** BITAG welcomes any questions, comments or suggestions. Please contact our Executive Director, Dale Hatfield, at [dhatfield@bitag.org](mailto:dhatfield@bitag.org), or our Program Director, Kaleb Sieh, at [ksieh@bitag.org](mailto:ksieh@bitag.org).

**About BITAG.** BITAG is a non-profit, multi-stakeholder organization focused on bringing together engineers and technologists in a Technical Working Group (TWG) to develop consensus on broadband network management practices and other related technical issues that can affect users' Internet experience, including the impact to and from applications, content and devices that utilize the Internet.

BITAG's mission includes: (a) educating policymakers on such technical issues; (b) addressing specific technical matters in an effort to minimize related policy disputes; and (c) serving as a sounding board for new ideas and network management practices. Specific TWG functions also may include: (i) identifying "best practices" by broadband providers and other entities; (ii) interpreting and applying "safe harbor" practices; (iii) otherwise providing technical guidance to industry and to the public; and/or (iv) issuing advisory opinions on the technical issues germane to the TWG's mission that may underlie disputes concerning broadband network management practices.

BITAG TWG reports focus primarily on technical issues. While the reports may touch on a broad range of questions associated with a particular network management practice, the reports are not intended to address or analyze in a comprehensive fashion the economic, legal, regulatory or public policy issues that the practice may raise.

**About BITAG's Technical Review Process.** BITAG's core substantive work is performed through its TWG, which was formed with the core principles of being: technically driven, balanced, open, efficient, independent, and flexible. The TWG reviews technical issues brought to it through Review Requests submitted by both Members and non-Members, or through a majority weighted vote of the TWG engineers themselves. Each individual Review is taken up by a Committee of the TWG that is composed of engineers and other technical experts representing a broad cross section of the Internet ecosystem. TWG Committees generally operate on a consensus basis, with backstop weighted voting procedures so that when consensus cannot be achieved, each Member category has an equal say in the work product regardless of the composition of the Committee. Finally, BITAG was structured to work as expeditiously as possible, with each Committee operating under a 120-day "shot clock" to complete the respective Review and attendant technical report.