

BITAG Review Request Application and Instructions

The Broadband Internet Technical Advisory Group, Inc. (BITAG) is an independent non-profit organization, whose mission is to bring together engineers and other similar technical experts to develop consensus on broadband network management practices or other related technical issues that can affect users' Internet experience, including the impact to and from applications, content and devices that utilize the Internet.

This document contains the application to request the BITAG Technical Working Group (TWG) to review a technical issue. Please submit the completed form via email to reviewrequest@bitag.org.

Review Request Form

1. Details of Requesting Party or Parties

Name of Individual(s) or Organization(s)	CenturyLink Center for Democracy & Technology
Address of Individual(s) or Organization(s)	
Organization(s) URL	www.centurylink.com www.cdt.org
Name of Submitter(s)	
Position and Title of Submitter(s)	
Submitter(s) Contact Information: Email and Phone #	

2. Description of Underlying Technical Issue and Why TWG Review Would Inform the Public and Policymakers

Please fully describe the underlying technical issue below and explain how a review by the TWG would inform the public and policymakers regarding the underlying technical issues. Attach additional documents or information as necessary, for example: relevant diagrams, illustrations, reports, studies, specifications, or standards. URLs or links to each of these are helpful as well.

A) Title of the Technical Issue:
The State of Network Interconnection and Traffic Exchange – History, Evolution and Design Models for Network Interconnection and Traffic Patterns
B) Detailed description of the Technical Issue:
<p>The subject of Interconnection is receiving significant attention by the media recently as the Internet ecosystem faces a dynamic growth period. The subject arises in the business dealings of commercial enterprises offering products or services supporting the Internet industry including Internet access providers, wholesale Internet carriers, edge providers, and Content Delivery Networks. The subject is also being discussed with increasing frequency by the US government agencies with events such as the change in leadership within the FCC, the overturn of portions of the Open Internet Order, Congressional interest in revisiting the Telecommunications Act of 1996 and the push to progress the discussion on global Internet Governance.</p> <p>While many of the articles in the media attempt to offer a quick layman’s view of the Network Interconnection landscape to help the general public understand the issues, there appears to be a large amount of speculation, confusion and a general lack of information by journalists, consumers and regulators dealing with this complex issue. A detailed analysis by the BITAG TWG in the following areas would provide a useful contribution to the ongoing discussion of Internet Interconnection and the environment in which issues are arising in this space.</p> <ul style="list-style-type: none"> • The History of Network Interconnection • Network Connectivity Models • Managing Internet Traffic Between Networks • The Evolution of Internet Traffic Patterns <p>The analysis should focus on the flow of Internet traffic to and from various sources and destinations, when and how traffic flows around congested or broken connections, and the ways and means for managing Internet traffic by all parties. The report should discuss changes in the connectivity models over the last three decades and an analysis on multi-homing for Internet traffic resiliency to both link degradation and link failures.</p>

The report should also discuss the challenges in measuring and troubleshooting issues that arise in this multi-party environment. This report will serve as an Informational tool providing historical background and an educational primer to those not familiar with the subject of network interconnection. This report is not intended as an advisory report on measurement methodology or technical practices, although those topics may be introduced as a subsequent report topic.

C) Describe which BITAG Member Categories are affected by this issue (i.e., Applications Providers, Community Representatives, Content Producers, Equipment Manufacturers, Internet Connectivity Providers):

Internet Connectivity Providers, Community Representatives, Applications Providers, and in some cases Content Producers.

D) Describe why a BITAG Technical Working Group Review of this technical issue would inform policymakers and the public:

This work will help raise awareness and provide critical background information on a complex topic that is not well understood by many of those being asked to provide opinions and feedback on the discussion. This analysis will serve on its own or possibly as a prerequisite to any future advisory opinion reports by the TWG on this topic.

E) What relevant standards or standards bodies are directly implicated or related to this issue:
NANOG IETF
F) Please Provide or attach additional diagrams or items that would be helpful to other Technical Working Group Representatives in evaluating the merits of taking up this technical issue for review:
[TBD]
G) Additional items that may be relevant:

3. Identify any Parties on Record as Opposing Your View on the Technical Issue Requested for Review (attach additional page(s) if necessary)

Name of Party	Description of Opposing Position

4. Filing Fee

Review requests will not be considered complete or examined until we receive the requisite filing fee, if applicable. For a single Review Request submitted by more than one party, the filing fee will be in the amount of the highest cost party (see chart below). Please contact reviewrequest@bitag.org about submitting your payment.

Filing Fee for 2014:

Industry Tier (revenue)	Member	Non-Member
Above \$5B	No Filing Fee	\$30,000
\$1B to \$5B		\$15,000
\$100M to \$1B		\$13,500
Under \$100M		\$12,000
Trade Association Tier (budget)	Member	Non-Member
Any Size Budget	\$25,000	\$30,000
Community Representative Tier (budget)	Member	Non-Member
Any Size Budget	No Filing Fee	\$5,000
Individual Tier	Member	Non-member
Any Individual	No Filing Fee	\$5,000

5. Declaration

The information provided in this request is true to the best of my knowledge. I understand that upon submission, this request and any attached documents become the property of BITAG, Inc. I also understand that all review requests must be germane to the Technical Working Group (TWG) and its mission. Further, I understand that BITAG reserves the right to reject any request not filled out properly, not germane to the TWG mission, or where the requisite filing fee is not received.

DATE: _____

SIGN: _____ **PRINT:** _____

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