

A new Request for Comments is now available in online RFC libraries.

[BCP 48](#)
[RFC 3150](#)

Title: End-to-end Performance Implications of Slow Links
Author(s): S. Dawkins, G. Montenegro, M. Kojo, V. Magret
Status: Best Current Practice
Date: July 2001
Mailbox: spencer.dawkins@fnc.fujitsu.com, gab@sun.com,
kojo@cs.helsinki.fi, vincent.magret@alcatel.com
Pages: 17
Characters: 39942
SeeAlso: [BCP 48](#)

I-D Tag: [draft-ietf-pilc-slow-07.txt](#)

URL: <ftp://ftp.rfc-editor.org/in-notes/rfc3150.txt>

This document makes performance-related recommendations for users of network paths that traverse "very low bit-rate" links.

"Very low bit-rate" implies "slower than we would like". This recommendation may be useful in any network where hosts can saturate available bandwidth, but the design space for this recommendation explicitly includes connections that traverse 56 Kb/second modem links or 4.8 Kb/second wireless access links - both of which are widely deployed.

This document discusses general-purpose mechanisms. Where application-specific mechanisms can outperform the relevant general-purpose mechanism, we point this out and explain why.

This document has some recommendations in common with [RFC 2689](#), "Providing integrated services over low-bitrate links", especially in areas like header compression. This document focuses more on traditional data applications for which "best-effort delivery" is appropriate.

This document is a product of the Performance Implications of Link Characteristics Working Group of the IETF.

This document specifies an Internet Best Current Practices for the Internet Community, and requests discussion and suggestions for improvements. Distribution of this memo is unlimited.

This announcement is sent to the IETF list and the RFC-DIST list. Requests to be added to or deleted from the IETF distribution list should be sent to IETF-REQUEST@IETF.ORG. Requests to be added to or deleted from the RFC-DIST distribution list should be sent to RFC-DIST-REQUEST@RFC-EDITOR.ORG.

Details on obtaining RFCs via FTP or EMAIL may be obtained by sending an EMAIL message to rfc-info@RFC-EDITOR.ORG with the message body help: ways_to_get_rfcs. For example:

To: rfc-info@RFC-EDITOR.ORG
Subject: getting rfcs

help: ways_to_get_rfcs

Requests for special distribution should be addressed to either the author of the RFC in question, or to RFC-Manager@RFC-EDITOR.ORG. Unless specifically noted otherwise on the RFC itself, all RFCs are for unlimited distribution.echo

Submissions for Requests for Comments should be sent to RFC-EDITOR@RFC-EDITOR.ORG. Please consult [RFC 2223](#), Instructions to RFC Authors, for further information.