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[RFC 3242](#)

Title:           RObust Header Compression (ROHC):  
                  A Link-Layer Assisted Profile for IP/UDP/RTP  
Author(s):       L-E. Jonsson, G. Pelletier  
Status:          Standards Track  
Date:            April 2002  
Mailbox:         lars-erik.jonsson@ericsson.com,  
                  ghyslain.pelletier@epl.ericsson.se  
Pages:           21  
Characters:      49007  
Updates/Obsoletes/SeeAlso:   None

I-D Tag:         [draft-ietf-rohc-rtp-lla-03.txt](#)

URL:            <ftp://ftp.rfc-editor.org/in-notes/rfc3242.txt>

This document defines a ROHC (Robust Header Compression) profile for compression of IP/UDP/RTP (Internet Protocol/User Datagram Protocol/Real-Time Transport Protocol) packets, utilizing functionality provided by the lower layers to increase compression efficiency by completely eliminating the header for most packets during optimal operation. The profile is built as an extension to the ROHC RTP profile. It defines additional mechanisms needed in ROHC, states requirements on the assisting layer to guarantee transparency, and specifies general logic for compression and decompression making use of this header-free packet.

This document is a product of the Robust Header Compression Working Group of the IETF.

This is now a Proposed Standard Protocol.

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

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