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RFC 3408

Title: Zero-byte Support for Reliable Bidirectional Mode (R-mode) in Extended Link-Layer Assisted RObust Header Compression (ROHC) Profile
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This document defines an additional mode of the link-layer assisted RObust Header Compression (ROHC) profile, also known as the zero-byte profile, beyond the two defined in RFC 3242. Zero-byte header compression exists in order to prevent the single-octet ROHC header from pushing a packet voice stream into the next higher fixed packet size for the radio. It is usable in certain widely deployed older air interfaces. This document adds the zero-byte operation for ROHC Bidirectional Reliable mode (R-mode) to the ones specified for Unidirectional (U-mode) and Bidirectional Optimistic (O-mode) modes of header compression in RFC 3242.

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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