

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

[RFC 3320](#)

Title:            Signaling Compression (SigComp)  
Author(s):       R. Price, C. Bormann, J. Christoffersson,  
                  H. Hannu, Z. Liu, J. Rosenberg  
Status:          Standards Track  
Date:            January 2003  
Mailbox:         richard.price@roke.co.uk, cabo@tzi.org,  
                  jan.christoffersson@epl.ericsson.se,  
                  hans.hannu@epl.ericsson.se  
                  zhigang.c.liu@nokia.com, jdrosen@dynamicsoft.com  
Pages:           62  
Characters:      137035  
Updates/Obsoletes/SeeAlso:    None  
  
I-D Tag:         [draft-ietf-rohc-sigcomp-07.txt](#)  
  
URL:             [ftp://ftp.rfc-editor.org/in-notes/rfc3320.txt](#)

This document defines Signaling Compression (SigComp), a solution for compressing messages generated by application protocols such as the Session Initiation Protocol (SIP) ([RFC 3261](#)) and the Real Time Streaming Protocol (RTSP) ([RFC 2326](#)). The architecture and prerequisites of SigComp are outlined, along with the format of the SigComp message.

Decompression functionality for SigComp is provided by a Universal Decompressor Virtual Machine (UDVM) optimized for the task of running decompression algorithms. The UDVM can be configured to understand the output of many well-known compressors such as DEFLATE ([RFC-1951](#)).

This document is a product of 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.

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.

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.