

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

[RFC 3274](#)

Title: Compressed Data Content Type for
Cryptographic Message Syntax (CMS)
Author(s): P. Gutmann
Status: Standards Track
Date: June 2002
Mailbox: pgut001@cs.auckland.ac.nz
Pages: 6
Characters: 11276
Updates/Obsoletes/SeeAlso: None

I-D Tag: [draft-ietf-smime-compression-07.txt](#)

URL: <ftp://ftp.rfc-editor.org/in-notes/rfc3274.txt>

This document defines a format for using compressed data as a Cryptographic Message Syntax (CMS) content type. Compressing data before transmission provides a number of advantages, including the elimination of data redundancy which could help an attacker, speeding up processing by reducing the amount of data to be processed by later steps (such as signing or encryption), and reducing overall message size. Although there have been proposals for adding compression at other levels (for example at the MIME or SSL level), these don't address the problem of compression of CMS content unless the compression is supplied by an external means (for example by intermixing MIME and CMS).

This document is a product of the S/MIME Mail Security 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.