



Security Assessment of the Internet Protocol version 4 (IPv4) draft-ietf-opsec-ip-security

Fernando Gont

project carried out on behalf of

UK CPNI

76th IETF meeting, November 8-13, 2009

Hiroshima, Japan

Overview

- The Internet-Draft is based on the document “Security Assessment of the Internet Protocol” published by CPNI in August 2008 (available at: <http://www.cpni.gov.uk/Docs/InternetProtocol.pdf>)
- CPNI’s document was already reviewed by a number of people.
- It was taken to the IETF as an individual submission: draft-gont-opsec-ip-security
- Was adopted as an opsec wg item (draft-ietf-opsec-ip-security) in January 2009.

Change log

- Version -00
 - First draft-ietf version of the document
- Version -01
 - Addressed part of the comments provided by Andrew Yourtchenko (<http://www.ietf.org/mail-archive/web/opsec/current/msg00417.html>)

Heads-up on the upcoming rev

- Received two very detailed reviews (one on-list by Andrew Yourtchenko, and another off-list)
- We have been converging on changes to be incorporated in the next revision of the document. Among them:
 - Swap the DSCP and TOS sections (DSCP should be in the “main” body)
 - Coalesce the checks to be performed on RR, LSRR and SSRR options
 - Fixed a bug in the checks for the RR option checks
 - Miscellaneous edits

Moving forward

- Currently working on the next rev of the document
- If you have feedback, post it on opsec@ietf.org, or send it to fernando@gont.com.ar
- Submit the next rev, and WGLC it?