

Security Framework for MPLS-TP

draft-mpls-tp-security-framework-03

Editors:

Luyuan Fang

lufang@cisco.com

Ben Niven-Jenkins

ben@niven-jenkins.co.uk

Scott Mansfield

scott.mansfield@ericsson.com

R. Graveman

rfg@acm.org

March 30, 2012

83 IETF, Paris

Contributing Co-Authors

- Luyuan Fang lufang@cisco.com
- Ben Niven-Jenkins ben@niven-jenkins.co.uk
- Scott Mansfield scott.mansfield@ericsson.com
- Richard F. Graveman rfg@acm.org
- Raymond Zhang raymond.zhang@bt.com
- Nabil Bitar nabil.bitar@verizon.com
- Masahiro Daikoku ms-daikoku@kddi.com
- Lai Wang Lai.wang@telenor.com
- Henry Yu henry.yu@twtelecom.com

Status and Next Steps

- Current status:
 - Completed WG LC
 - Received comments from Gregory Mirsky and Joel Halpern
 - Updated the document to address the comments
 - Posted -03 after the IETF 83 I-D deadline
- Next Step
 - Check comment resolution with Gregory and Joel
 - Ask for a second LC?

Changes in -03

- The threats precede the requirements.
- The threats are embellished with more explanation.
- The requirements text is expanded, and the requirements are numbered.
- The compound requirements are broken apart and stated more simply.
- It should be clearer where the requirements “come from.”
- Authentication, integrity, replay are MUST.
- Confidentiality, key management, and crypto agility are SHOULD - align with KARP (key management for routing and transport protocols).

Changes in -03

- “MUST implement” does not mean “must use”
- Some of the unclear phrases have been re-written: “MPLS-TP and MPLS” → “MPLS-TP and MPLS without TP” and others.
- Several other suggestions, of a more editorial nature, in the WG LC comments were incorporated.
- Some general editorial cleanup and updates to the references are included