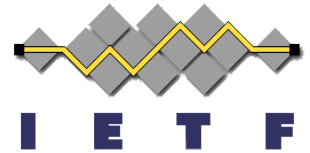
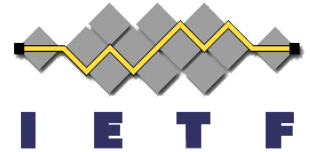


RFC 6506-Bis

IETF 87, Berlin

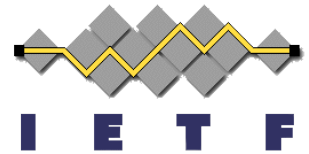
Acee Lindem, Ericsson
Manav Bhatia, Alcatel Lucent
Vishwas Manral





Draft History

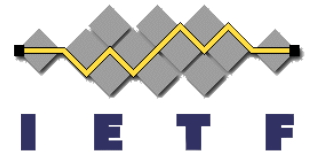
- RFC 6506 Published in February, 2012
- Several key errata on RFC 6506
- Discussions on draft in Orlando with Stewart Bryant and Sean Turner.
- April 2012 - Acee Lindem decision to respin RFC 6506 as service to OSPF WG.



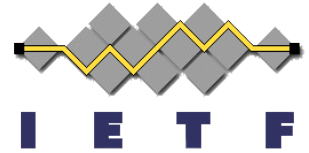
Changes from RFC 6506

- Explicitly stated that Link-Local Signaling checksum was omitted when authentication trailer is used in sections 2.2 and 2.4.
- Correct section 4.5 to use the correct variable for the protocol specific key (K_s) rather than the key (K).
- Include a discussion of the selection of the key length in section 4.5. The hash length (L) rather than the block size (B) is used even though FIPS standards allow the block size.

Changes from RFC 6506 (Continued)



- Section 4.1 and 4.6 indicate that sequence number checking is dependent on OSPFv3 packet type in order to account for packet prioritization as specified in RFC 4222. This is the only non-errata addition – allows better mapping to RFC 6863 – Analysis of OSPF Security based on KARP requirements.



Next Steps for Draft

- Working Document – Stewart to sponsor as AD work.
- Sean Turner review.
- WG Last Call