

# OSPF WG

Supporting Authentication Trailer for  
OSPFv3

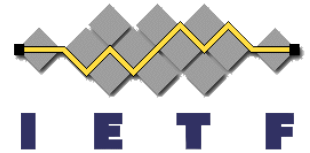
draft-ietf-ospf-auth-trailer-ospfv3-01

Manav Bhatia, Alcatel-Lucent

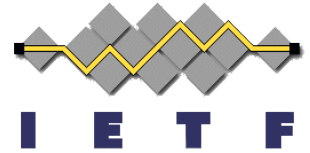
Vishwas Manral, IP Infusion

Acee Lindem, Ericsson

IETF 80, Prague

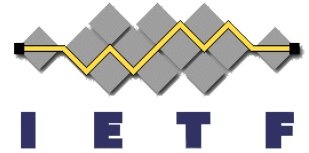


# Changes since Beijing (1/3)



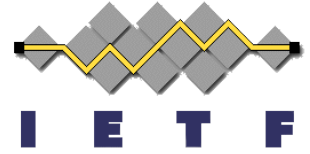
- OSPF WG Document
- Clarification of headers with LLS (Local Link Signaling)
- Incorporation of the LLS block (if present) in the authenticated data – this requires minimal parsing of the LLS block to OSPFv3 Authentication Trailer
- OSPFv3 checksum calculation should be omitted when OSPFv3 authentication trailer used

# Changes since Beijing (2/3)



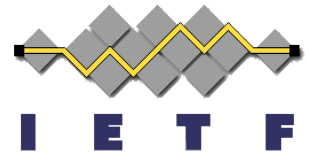
- Authentication Trailer key-id now more accurately called Security Association ID – extended from 8 bits to 32 bits.
- Authentication Type added to OSPFv3 Authentication Trailer
- Message verification and OSPFv3 Authentication Trailer access described explicitly (include LLS processing)

# Changes since Beijing (2/3)



- Migration and Co-existence section added.
- IANA section now includes the Auth-Type
- Updated references and added acknowledgements for reviewers.

# Next Steps – Move Fast But Not Too Fast



- Get additional review from OSPF WG
- Encourage implementations (or even experimentation)
- WG Last Call ASAP – depends on further comments