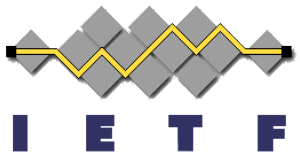
OSPF WG Status
IETF 84, Vancouver

Abhay Roy, Cisco
Acee Lindem, Ericsson



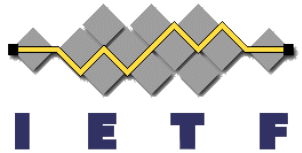
RFCs Since Paris

- RFC 6565 - OSPFv3 as a Provide Edge to Customer Edge (PE-CE) Routing Protocol

Drafts with IESG

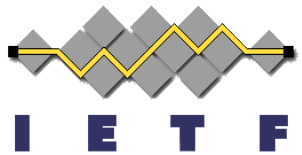
- Hiding Transit-only Networks in OSPF - <draft-ietf-ospf-prefix-hiding-05.txt>
- OSPF Hybrid Interface – <draft-ietf-ospf-hybrid-bcast-and-p2mp-03.txt>

Documents Ready for Publication



- RFC 3137Bis – OSPF/OSPFv3 stub router support – Completed WG Last Call and comments addressed <draft-ietf-ospf-rfc3137bis-02.txt>

Documents Ready for WG Last Call



- Routing for IPv4-embedded IPv6 packets – draft-ietf-ospf-ipv4-embedded-ipv6-routing-04. Informational draft document use of multiple address families in support of IPv4<->IPv6 translation.

Active Drafts (1/3)

- OSPF Transport Instance – Defines Transport Instance to advertise “non-routing” information
  - Separates essential routing information from non-routing information
  - Support remote neighbors
  - Sparse Topologies

Active WG Documents (2/3)

- Routing for IPv4-embedded IPv6 packets – draft-ietf-ospf-ipv4-embedded-ipv6-routing-01. Informational draft document use of multiple address families in support of IPv4<->IPv6 translation.
- Security Extension for OSPFv2 when using Manual Key Management - draft-ietf-ospf-security-extension-manual-keying-00.txt

Active WG Documents (3/3)

- OSPF TE Extensions - draft-ietf-ospf-te-metric-extensions-00.txt – Need more discussion.
- Use of OSPF-MDR in Single-Hop Broadcast Networks - draft-ietf-ospf-manet-single-hop-mdr-00.txt
- Use of OSPF-MANET Interface in Single-Hop Broadcast Networks - draft-ietf-ospf-manet-single-hop-or-00.txt

Drafts in Other WGs (1/2)

- CCAMP – draft-malis-ccamp-rfc5787bis-05.txt – Cleanup of RFC 5787 to bring to standards track. AD not unhappy, still discussing one terminology issue with ITU Representative.
- KARP - Analysis of OSPF Security According to KARP Design Guide - draft-ietf-karp-ospf-analysis-05.txt

Drafts in Other WGs

- CCAMP – Multiple OTN and WSON drafts