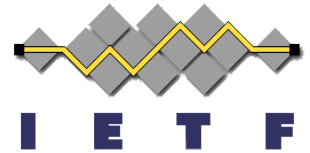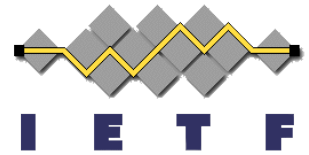# RFC 4970 Bis OSPF RI LSA IETF 91, Honolulu

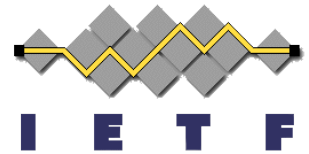Acee Lindem, Cisco

I E T F

Motivation for BIS Version

- RFC 4970 originally had limited scope – Only for OSPF node level attributes of fixed size.

- More extensive attributes would be advertised in their own IANA allocated opaque LSA (OSPFv2) or LSA types.

- In practice, viewed as generic container for OSPF and applications node level attributes of variable size – analagous to OSPF TE LSA.

Changes from RFC 4970

- Multiple instances of the OSPF(v3) Router Information LSA may be advertised.

- Guidance provided as to what attributes should go in the first instance.

- New Capabilies TLV for advertisement of capabilities used for advertisement of capabilities which effect router operation.

- Updated RFC references for drafts and obsoleted RFCs referenced in RFC 4970.

Next Steps

- Some LSA types aspire for greatness, others have it thrust upon them.

- Respin as service to the OSPF community

- Will poll for OSPF WG Adoption