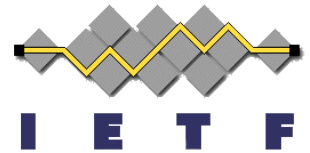# IETF 99 – Prague OSPFv3 Extended LSAs Update

Acee Lindem, Cisco
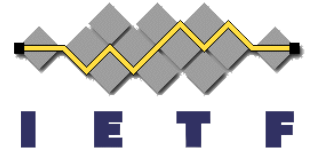Abhay Roy, Cisco
Dirk Goethals, Nokia
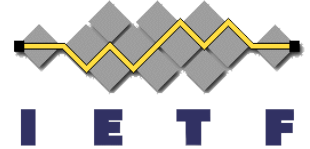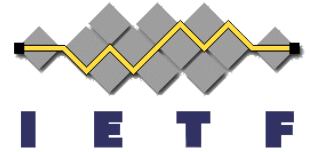Veerendranatha Reddy Vallem, Huawei
Fred Baker

Extended LSA Status

- Draft has been very stable with only minor corrections
- Two Implementations – Nokia and Huawei
  - Any others?
- Implementers added as authors
- Implementation Survey to be added to OSPF Wiki
- Results to be published on OSPF Wiki and announced on OSPF List

Implementation Survey

- Support for all 9 OSPFv3 Extended LSAs?
- Support for N-Bit Prefix Option?
- Full Support for OSPFv3 Extended LSAs?
  - ➢ Entire OSPFv3 routing domain support
  - ➢ Per-area support for Extended LSAs (AS-External LSAs are legacy)
- Sparse Support for Extended LSAs?
- OSPFv3 Extended LSA Usage?
  - ➢ Segment Routing
- Any interoperability testing?

Extended LSA Next Steps

- Concurrently will request Routing Directorate review
- WG Last Call prior to Singapore
- Gap draft covering deferred functions such as OSPF 2-part metric