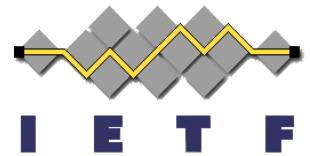# BGP Tunnel Encaps IETF 104, Prague

Keyur Patel, Arrcus

Gunter Van de Velde, Nokia

Srihari Sangli, Juniper

Eric Rosen

I E T F

Status Update

- Draft version 11 was published on 02-22-19
- Added a new co-author: Srihari Sangli
  - Eric Rosen has retired
- Draft is in fairly stable state
  - Based on reviews and feedback from lot of folks (including Srihari)
  - Received a feedback as part of Shepherd review from John Scudder
    - Comments incorporated. Version 12 to be published soon
- Multiple implementations exists

Changes from version 11 to 12
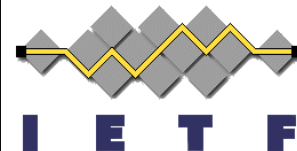
- References for specification of tunnel types moved from informative to normative

- Error handling section covers case of repeated appearance of same sub-TLV within a given TLV

- Language for x-in-y TLV restricted to MPLS-in-GRE and MPLS-in-UDP

- Quite a lot of SHOULDs replaced with MUST
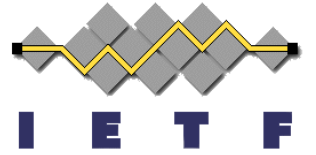
Changes from version 11 to 12 (Cont'd)
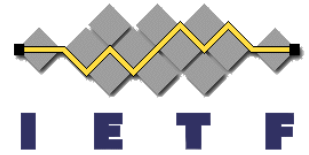
- Separate IANA registries for flags fields within encap sub-TLVs

- Separate registries for embedded Label handling sub-TLV field

- Modification to bestpath mechanism
  - Path considered non reachable if tunnel encap address is not reachable

- Routing Considerations section modified with text that ensures data forwarding prefers tunneled path over a nexthop path

Changes from version 11 to 12 (Cont'd)
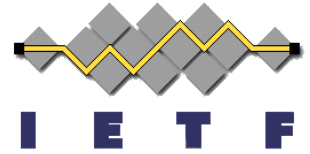
- Section 8.1 modified to cover label stack for BGP LU

- Added a section for IP-in-IP terminating into a VRF to explicitly indicate it doesn't carry VNI

- Minor nits fixed

Thank you