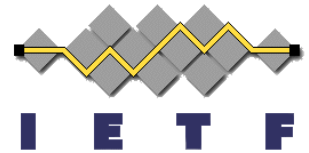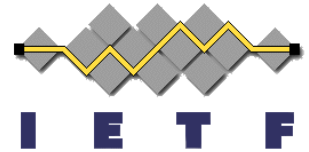# LSVR BGP SPF IETF-110 Online March, 2021

Keyur Patel, Arrcus
Acee Lindem, Cisco
Wim Henderickx, Nokia
Derek Yeung, Arrcus
Abhay Roy, Arrcus
Venu Venugopal, Cisco
Shawn Zandi, Linkedin
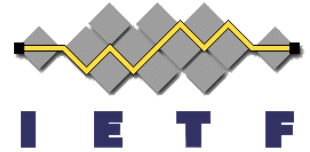
I E T F

Status Update

- Draft version 13 was submitted on 2-22-21
- Incorporated AD comments
  - Beefed up Error handling
  - Security section
  - Clarified the interaction and relation to BGP-LS and its TLVs
  - Clarified the relation to the base BGP protocol (RFC 4271)
  - Clarified text all over the draft
  - SPF section rewritten and clarified
  - Minor Nits

Status Update

- Most of the changes have minimal impact on implementation
  - Error handling an exception
- IANA section updated with implementation based TLV values

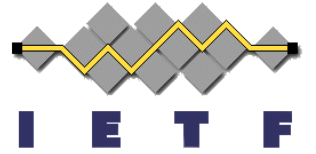# Status Update – Open Issues (covered in version 14)

- ## NLRI Packing
  - Draft imposes no restriction. Almost implied that packing will result into 1 prefix per update. Text will be added.

- ## Initial synchronization
  - Believe no changes to protocol required. To be discussed on list and text added.

- ## Nexthop Requirement
  - Draft now clarifies that this SAFI follows the rules of rfc4760 – issue is closed.

- ## Single session requirement
  - No text needed or constraints imposed by the draft

Status Update

- WGLC successfully done
  - Received reviews and feedback from lot of folks
  - Request chairs to redo the last call.
- Early review of routing directorate done
  - Issues were addressed, Status needs to be cleared
- Multiple implementations now available
  - Opensource implementation also available in FRR

Status Update

- YANG model draft work in progress
  - Fairly straightforward model
  - Model can be extended for BGP-LS SAFI

Thank you