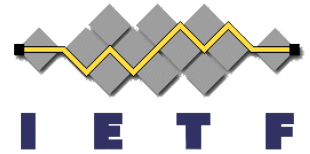# VRRP RFC5798BIS IETF-113 Vienna March, 2022
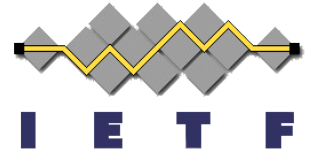
Acee Lindem, Cisco

Aditya Dogra, Cisco

Steve Nadas, Boston University
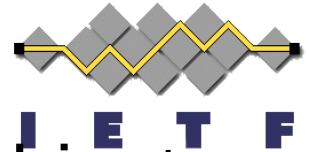
RFC 5798 BIS – Plan

- Main motivation is using inclusive language – Replace "Master" with "Active".

- Also fixing Errata

- Hoping for some good reviews as well.

- Will investigate taking VRRPv3 to Internet Standard.

  - Probably not feasible unless draft updates implemented quickly.

VRRP – Other RFCs (1/3)

- RFC 6527 - Definitions of Managed Objects for Virtual Router Redundancy Protocol Version 3 (VRRPv3)

  - No firm plans yet – Cisco has implementation(s) though.

  - 2 of 3 MIB tables and 1 of 2 notifications need to be deprecated and replaced with new tables.

  - MIB respins are painful and MIBs are IETF legacy.

VRRP – Other RFCs (2/3)
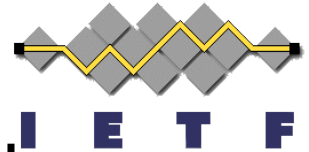
- RFC 7910 - Interoperability between the Virtual Router Redundancy Protocol and PIM

  - No plans yet – Informational draft. Will check with author about simple respin once RFC 5798 further along.
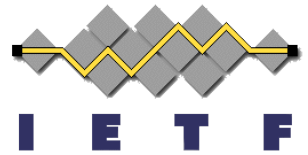
VRRP – Other RFCs (3/3)
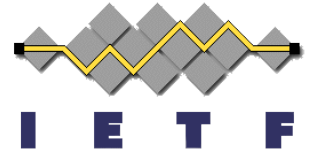
- RFC 8347 - A YANG Data Model for the Virtual Router Redundancy Protocol (VRRP)

  - Acee is co-author. Intend to respin once RFC 5798 BIS is further along.

  - No known implementations

  - YANG model respins are also painful but YANG is where the IETF has gone.

  - Experience with RFC 8022 -> RFC 8349 (Transition to NDMA version of Routing Management YANG Model)

Next Steps

- Agree Routing WG is home for draft and any other VRRP BIS drafts updating terminology.

- Possible discussion on VRRP terminology change:

  - Authors agree that "Active" is the natural choice in the context of VRRP state and technical terminology.

  - Please don't make alternate suggestions without detailed knowledge of both the VRRP protocol and the English Language.

- Request WG Adoption

Thank you