

# S-BFD Alert Discriminator

draft-akiya-bfd-seamless-alert-discrim

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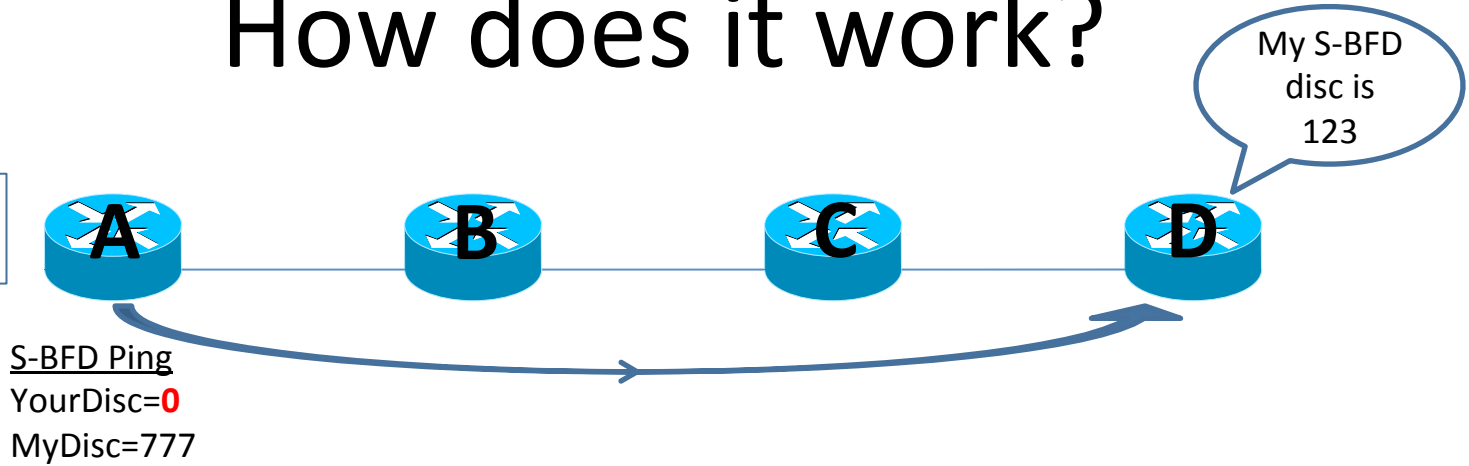
**Dave Ward**

# Why?

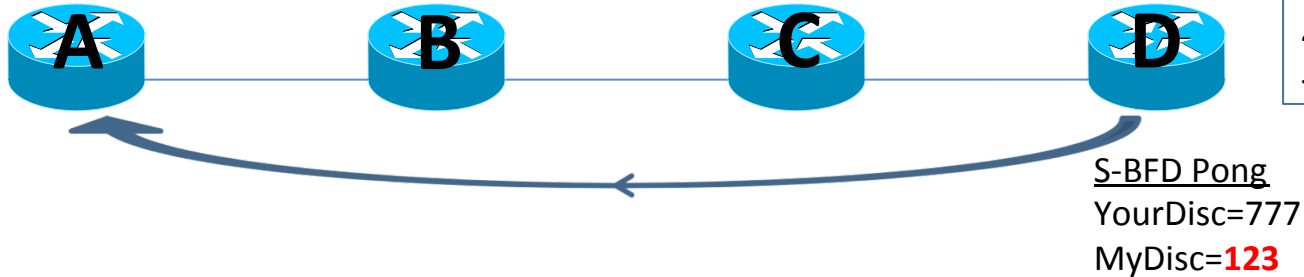
- Extensions for S-BFD discriminator advertisements -> IS-IS, OSPF, BGP-LS
- Primary purpose of the S-BFD alert discriminator is to allow target S-BFD discriminator discovery at the BFD layer for other scenarios:
  - inter-AS
  - control-plane-less
  - etc
- Secondary purpose is to allow for other future extensions (if required)

# How does it work?

1: What's your S-BFD disc?

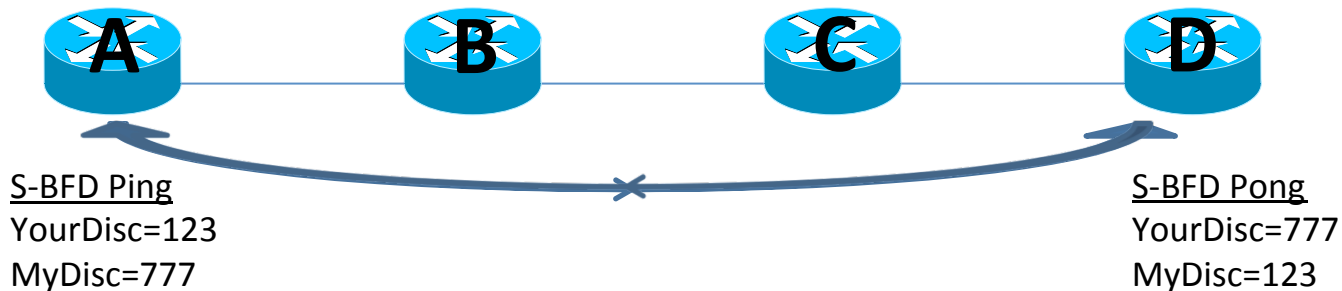


3: Thanks for the disc!



2: Here's my S-BFD disc

4: Normal ping-pong operation



# What is proposed?

- Proposes to reserve S-BFD discriminator zero(0) as the alert discriminator.
- Diagnostic code within the alert discriminator contains instructions.

Value	Alert Discriminator Diagnostic Code Name	Reference
0-7	Experimental	This document
8-28	Reserved	This document
29	Target S-BFD Discriminator Discovery	This document
30	S-BFD Path Trace	This document
31	Not Supported	This document

Thank you!

Questions/Comments?