

Advertising S-BFD Discriminators in IS-IS

draft-ietf-isis-sbfd-discriminator-01.txt

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Changes since Toronto

“Seamless” BFD is WG draft in BFD

<http://datatracker.ietf.org/doc/draft-ietf-bfd-seamless-base/>

IS-IS draft is also a WG draft

<http://datatracker.ietf.org/doc/draft-ietf-isis-sbfd-discriminator/>

Added text on when domain-wide flooding might be applicable

“If S-BFD use will be exclusively within a Level-1 area then area scope is appropriate. If S-BFD usage will span different L1 areas then domain scope is appropriate.”

Advertisement Format

Use new sub-TLV in Router Capability TLV

```
+-----+
| Type (to be assigned by          |      1
| IANA - suggested value 19?) |
+-----+
| Length (multiple of 4)          |      1
+-----+
| Discriminator Value(s)          |    4/Discriminator
:                                :
+-----+
```

Multiple Discriminators can be advertised

Can be flooded area/domain wide using S-bit associated w the Router Capability TLV (RFC 4971)

The future of the draft

Draft is complete – will follow progress of S-BFD base draft in BFD WG

Last call will be requested when S-BFD base draft goes to last call