

draft-ezy-mpls-1ton-protection-01

Eric Osborne

Fei Zhang

Yaacov Weingarten

Agenda

- Review diffs
- Review problems
- Next steps
- Comments/questions

Diffs

- Uploaded v-01 recently
 - ~800 lines of new text
- Refined packet format changes (just one bit)
- Solidified state machine changes
- Make 1:n ($n=1$) work just like 1:1

Diffs

- Bumped protocol version to 2
- Added use cases and scenarios (~600 lines)
 - [Locking, non-locking] x [Unidir, bidir]

Problems

- Version number
 - 1:1 PSC is v1
 - 1:n PSC currently uprevs to v2
 - Technically this is not necessary.
 - 1:1 endpoints which receive a 1:n message ($n > 1$) MUST ignore it, per rfc6378
 - 1:n ($n > 1$) endpoints will do the Right Thing
 - Bumping version number is cleaner (?) but unnecessary

Problems

- Other than version number, we think it's pretty solid
 - Does not mean it's pretty solid
- Need more eyes on it

Next steps

- Editorial: clean up state tables (move to v-02)
- Integrate comments from the list
- WG document?

Comments/questions?