

Trill over IP

draft-mrw-trill-over-ip-04.txt

IETF 89, London

Margaret Wasserman

mrw@painless-security.com

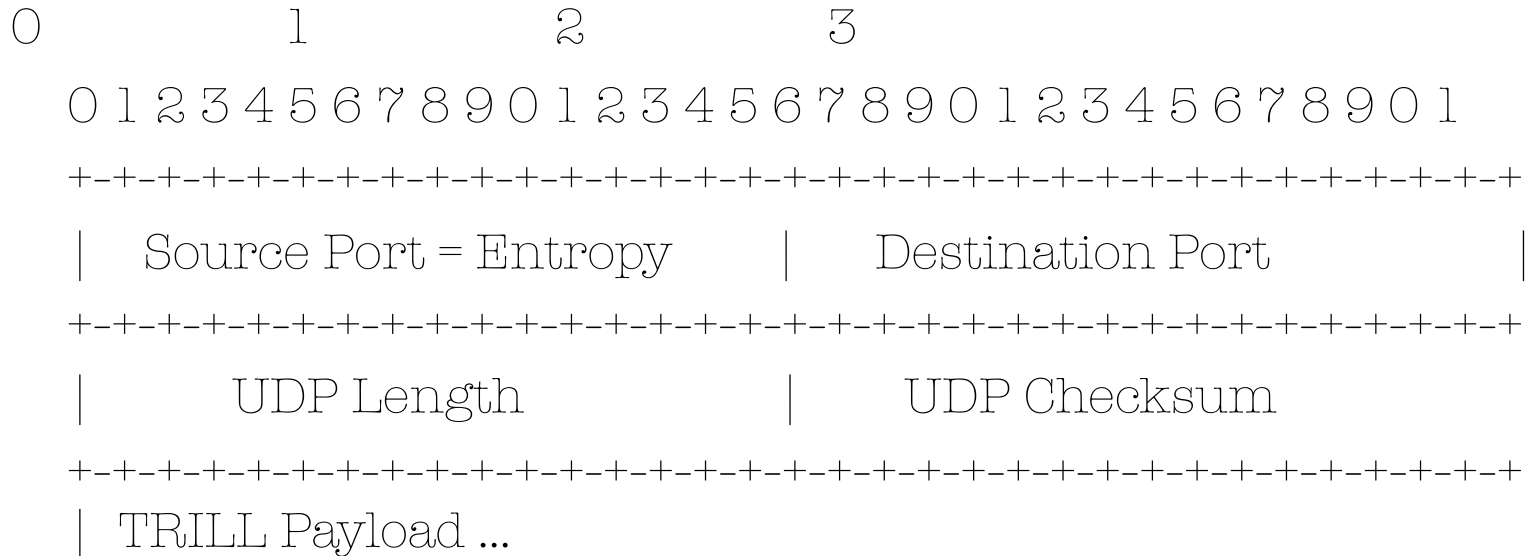
Document Summary

- Defines a UDP/IP encapsulation for TRILL
- Used to connect two remote TRILL sites into a single TRILL campus over any IP network
- Two Scenarios
 - Remote Office Scenario
 - IP Backbone Scenario

Document Status

- -04 version published in January
 - Added details of UDP header
 - Added congestion considerations section
 - Updated references
 - Minor editorial changes
- Adopted as a WG draft in February
 - Next version will be draft-ietf-trill-over-ip-00.txt

UDP Encapsulation



- Source port set to an entropy value for ECMP decisions
 - Allows load balancing TRILL flows

Open Issue: Encapsulation

- Some discussion of whether a UDP/IP encapsulation is desired or whether TRILL should be encapsulated “directly” in IP
 - “Direct” encapsulation might require TRILL-specific header for entropy
- Is a checksum of the TRILL packet needed or desirable?

Other Open Issues

- Need to complete section on “Handling Multicast”
- Need to complete “Middlebox Considerations” section

Feedback? Questions?