IPoRPR Framework

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Overview

- Standardize IP over RPR (IEEE 802.17)
- Working group focuses on layer 2/3 interaction
- Provide feedback into the 802.17 working group to provide what layer 3 needs to operate properly

Motivation

- Spatial re-use of bandwidth
- Fast protection switching
- Inside the ring it looks like point-to-points, outside the ring it (can) look like a broadcast
- It's cool technology

Routing

- Routing protocol drafts are forthcoming for IS-IS and OSPF
- TE can use the bandwidth/other metrics to engineer traffic flows
- TE drafts are already on the table (?)