



Link Management Protocol (LMP)

draft-ietf-mpls-imp-02.txt

J. Lang, K. Mitra, J. Drake, Y. Rekhter, K. Kompella, L. Berger, D.
Basak, H. Sandick, D. Saha, A. Zinin, B. Rajagopalan

San Diego meeting...

- Clarify text and terminology
- Decouple control channel / link bundle dependence
- Address in-band control configuration
 - Adding minimal ID fields in Config message

Draft Changes...

- Clarify text and terminology
- Decouple control channel / link bundle dependence
- Address in-band control configuration
 - Adding minimal ID fields in Config message
- ❖ General Text clarification:
 - ❖ "Link Bundle" => "TE Link"
 - ❖ difference between "port" and "component link"
 - ❖ use of control channels

Draft Changes...

- Clarify text and terminology
- Decouple control channel / link bundle dependence
- Address in-band control configuration
 - Adding minimal ID fields in Config message
- ❖ Decoupled control channel and TE Link dependence (almost complete...)
- ❖ Removed control channel switchover procedure

Draft Changes...

- Clarify text and terminology
- Decouple control channel / link bundle dependence
- Address in-band control configuration
 - Adding minimal ID fields in Config message
- ❖ Modified ConfigAck and ConfigNack messages to echo the CCId from the Config message

More Draft Changes...

- ❖ Modified Test messages to include VerifyId (provided by remote node) to differentiate test messages from different TE-links or LMP peers when testing in parallel
- ❖ Enhanced LinkSummary message (TLV-based)
 - ❖ Added Link Mux Capability to LinkSummary
 - ❖ Added flags to LinkSummary indicating status of the ports or component links
- ❖ Added Channel Activate messages to Fault Management procedure
- ❖ Added LMP length field to the common header
- ❖ Modified the FSMs to align with current procedures
- ❖ Added authentication

Next Step...



- ❖ Remove CCId from TE Link-related messages
- ❖ Address more comments on the list...