



To: Adrian Farrel and Deborah Brungard, IETF CCAMP WG Co-Chairs
From: Jim Jones, OIF TC Chair
Copy: Ross Callon and Bill Fenner, IETF Routing Area Directors
Subject: OIF Draft Documents Provided for CCAMP Information and Comment

Dear Adrian and Deborah,

It was reported to us that members of the CCAMP WG expressed interest in reviewing and understanding some of the current activities in the OIF regarding interworking and optical routing protocols. Accordingly, we are attaching current copies of draft documents in progress in these two areas, for your information and comment. Please note that the interworking guidelines draft is based on existing standards specifications from ITU-T and IETF, and the routing protocol draft specifies the requirements on and use of OSPF-TE at the E-NNI, using G.7715/7715.1 as a basis. It documents work that has been prototyped, tested and updated based on OIF demonstrations in 2003-5. It leaves room for protocol extensions to be added as corresponding work in IETF and ITU-T is completed.

Some members have reported on draft-dimitri-ccamp-gmpls-ason-routing-sol-01.txt, which initiates work in CCAMP towards defining the protocol extensions needed to meet E-NNI requirements. It was observed that with minor changes some of the extensions defined in the draft could be aligned with those used in working implementations that have been tested in conjunction with OIF interoperability events. Related extensions include the Node IPv4 local prefix sub-TLV and the Local and Remote TE_Router_ID sub-TLV. We believe that a key area needing review is whether the proposed extensions meet the full independence of functional component to physical location provided in G.8080/G.7715/G.7715.1 .

I'd also like to note that I have informed OIF members about the discussion of [draft-ietf-ccamp-gmpls-addressing-03.txt](#) and the survey of which ERO options are being supported, and asked that they provide any feedback directly to Adrian or the CCAMP list.

The OIF continues to be interested in establishing a formal liaison relationship with CCAMP and other IETF WGs as the best way to keep both bodies informed of each others' progress and working in concert, and would like input from the IETF chairs on how to pursue this next step.

Best regards,

A handwritten signature in black ink that reads "James D. Jones". The signature is written in a cursive, slightly slanted style.

Jim Jones
OIF Technical Committee Chair

Attachments:

- 1) Interworking Guidelines project plan (oif2004.442.03)
- 2) Interworking Guidelines draft text (oif2006.028.03)
- 3) E-NNI Routing 1.0 draft text (oif2005.313.05)