

Updated IETF TE Types

TEAS WG, IETF 115, London + Virtual

draft-ietf-teas-rfc8776-update-01

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Background

- Need to update the ietf-te-types YANG module in RFC8776, moving definitions from:
 - ietf-te YANG module (in WG LC)
 - ietf-path-computation YANG module (in WG LC)
- Scope enlarged based on WG LC on other drafts
 - No longer tiny updates but still relatively small changes compared with RFC8776
 - Mainly moving and updating definitions already existing in other drafts (which are in WG LC)

Changes from -00

- Formatted as RFC8776-bis
 - Editors' note added where text from RFC8776 needs to be copied
 - Added description of the changes to YANG
- Added a temporary Appendix describing the different process options
 - Added a reference to a new process proposed to Netmod WG
- Added a temporary Appendix with the YANG model diffs
- Moved identities from ietf-te and ietf-path-computation models
 - Added a new set of identities for SVEC OFs (WG LC comment)
 - Obsoleted existing OF identities SVEC with new identities
- Fixed IANA section

Process

- Two options:
 - Move forward the I-D as RFC8776-bis
 - With Editors' notes to focus the review only to the changes
 - Follow the new process under discussion within Netmod WG
 - Not yet fully defined
- Proposal:
 - Keep working on the I-D as RFC8776-bis
 - Resolving the Editors' note when ready for WG LC
 - Move to the new process, if viable before the I-D is ready WG LC

Comments from Chaode

- Different identifiers for networks, nodes, links and termination points in network topology and TE topology models
 - For example:
 - node-id is an URI
 - te-node-id is a dotted-quad
 - Chaode's Proposal: update the TE types to be an union with URI; for example:
 - te-node-id is an union between dotted-quad and URI
- Concerns with tunnel termination point (TTP) identifier defined as binary
 - Chaode's Proposal: update the TTP identifier to be an union between binary and URI

Next Step

- Complete the description of the added definitions
- Keep updating based on on-going WG LCs
 - draft-ietf-teas-yang-te
 - draft-ietf-teas-yang-path-computation
- Address any other comment from TEAS WG
- WG LC together with ietf-te and ietf-path-computation I-Ds?