A YANG Data Model for In-Situ OAM

draft-ietf-ippm-ioam-yang-04
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Major Changes

• Addressed comments from Andy Bierman as the YANG doctor early review.

• Minor Issues:
  – Use the “derived-from-or-self” for “when-stmts” using identities.
    • OLD: when ".../filter-type = 'ioam:acl-filter'"; -> NEW: when "derived-from-or-self(../filter-type, 'ioam:acl-filter')"
  – Use interface-ref data type
    • OLD: type leafref { path "/if:interfaces/if:interface/if:name"}; -> NEW: type if:interface-ref;
  – Use of plain “string” as a list key
    • Add length 1..max to disallow empty strings.
  – Use of ordered-by user
    • No user order, so removed.
  – No mandatory functionality
    • Add description: “A list of IOAM profiles that configured on the node. There is no mandatory type of profile (e.g., incremental-trace, preallocated-trace.) in the list. But at least one profile should be added.”
  – Terse descriptions
    • Add more detailed information.

• Nits cleaned
Next

• IOAM data plane drafts are stable. This YANG model is already aligned.
• This draft is getting stable and mature.
• Working group last call.
Thank You