PIM YANG Model

draft-ietf-pim-yang-03

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IETF97
Status

• Went through WGLC on version 02
  – Received comments
  – Updated with version 03

• Reviewed by YANG doctor
  – Received comments
  – Will update after IETF97
Pending Discussion Item 1

• Should BFD configuration have per protocol intervals?

    +--rw interfaces
    |   +--rw interface* [interface]
    |       +--rw interface if:interface-ref
    |   +--rw address-family* [address-family]
    |       +--rw address-family identityref
    |   +--rw bfd
    |       |   +--rw enabled? boolean
    |       |   |   +--rw local-multiplier? bfd-multiplier
    |       |   |   |   +--:(tx-rx-intervals)
    |       |   |   |       |   +--rw desired-min-tx-interval uint32
    |       |   |   |       |   +--rw required-min-rx-interval uint32
    |       |   |   ++:(single-interval)
    |       |       +--rw min-interval uint32
Pending Discussion Item 2

• Should timer value have “infinity” and “no-expiry”?

typedef timer-value {
    type union {
        type uint16;
        type enumeration {
            enum "infinity" {
                description "The timer is set to infinity.";
            }
            enum "no-expiry" {
                description "The timer is not set.";
            }
        }
    }
    units seconds;
    description "Timer value type.";
} // timer-value
YANG Doctor’s Review

• Model Structure is OK
  – Aligned with draft-ietf-netmod-routing-cfg
    (now RFC8022)
  – Can be mapped to various implementations

• Need to complete terminology section

• Need to have better descriptions and explanations in some places
Next Steps

• Alignments with other models
  – Device model and schema mount
    • Proceed independently
  – ietf-routing
    • Published as RFC8022
  – BFD
    • BFD WG is trying to find a solution to proceed
  – Policy
    • We will avoid the dependency
  – Operational state modeling paradigm
    • AD advised not to wait

• WG Last Call and Publish
YANG Model for IGMP and MLD

draft-ietf-pim-igmp-mld-yang-01

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IETF97
Status

• Updated with version 01
  – Aligned with latest models that this model depends on
  – Passed validations

• Model is stable
  – Ready for YANG doctor’s review
Next Steps

• Alignments with other models
  – Device model and schema mount
    • Proceed independently
  – ietf-routing
    • Published as RFC8022
  – BFD
    • BFD WG is trying to find a solution to proceed
  – Policy
    • We will avoid the dependency
  – Operational state modeling paradigm
    • AD advised not to wait

• YANG Doctor’s Review

• WG Last Call