

# 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
        | +--rw (interval-config-type)?
        |   +--:(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-ml-d-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