

IGMP/MLD Proxy YANG Model

draft-ietf-pim-igmp-ml-d-proxy-yang-03

Hongji Zhao (Ericsson)

Xufeng Liu (Volta)

Yisong Liu (China Mobile)

Mani Panchanathan (Cisco)

Mahesh Sivakumar (Juniper)

IETF109

Status

- version 3
 - Second version for presentation as WG draft

Draft Update 1

- Change feature name from feature-igmp-proxy to igmp-proxy.

```
augment /rt:routing/rt:control-plane-protocols/rt:control-plane-protocol:
  +--rw igmp-proxy {igmp-proxy}?
    +--rw interfaces
      +--rw interface* [interface-name]
        +--rw interface-name          if:interface-ref
      ...
```

- Rename feature-mld-proxy to mld-proxy.

```
augment /rt:routing/rt:control-plane-protocols/rt:control-plane-protocol:
  +--rw mld-proxy {mld-proxy}?
    +--rw interfaces
      +--rw interface* [interface-name]
        +--rw interface-name if:interface-ref
        ...
```

Draft Update 2

- Rename leaf version in the IGMP Proxy tree to igmp-version.

IGMP Proxy

```
augment /rt:routing/rt:control-plane-protocols/rt:control-plane-protocol:
```

```
  +--rw igmp-proxy {igmp-proxy}?
```

```
    +--rw interfaces
```

```
      +--rw interface* [interface-name]
```

```
        +--rw interface-name          if:interface-ref
```

```
        +--rw igmp-version?           uint8
```

```
        +--rw enable?                 boolean
```

```
        +--rw sender-source-address?  inet:ipv4-address
```

```
        +--ro group* [group-address]
```

```
          +--ro group-address         inet:ipv4-address
```

```
          +--ro up-time?              uint32
```

```
          +--ro filter-mode?          enumeration
```

```
          +--ro source* [source-address]
```

```
            +--ro source-address      inet:ipv4-address
```

```
            +--ro up-time?            uint32
```

```
            +--ro downstream-interface* [interface-name]
```

```
              +--ro interface-name   if:interface-ref
```

- Rename leaf version in the MLD Proxy tree to mld-version.

MLD Proxy

```
augment /rt:routing/rt:control-plane-protocols/rt:control-plane-protocol:
```

```
  +--rw mld-proxy {mld-proxy}?
```

```
    +--rw interfaces
```

```
      +--rw interface* [interface-name]
```

```
        +--rw interface-name      if:interface-ref
```

```
        +--rw mld-version?        uint8
```

```
        +--rw enable?             boolean
```

```
        +--rw sender-source-address? inet:ipv6-address
```

```
        +--ro group* [group-address]
```

```
          +--ro group-address      inet:ipv6-address
```

```
          +--ro up-time?          uint32
```

```
          +--ro filter-mode?      enumeration
```

```
          +--ro source* [source-address]
```

```
            +--ro source-address    inet:ipv6-address
```

```
            +--ro up-time?         uint32
```

```
            +--ro downstream-interface* [interface-name]
```

```
              +--ro interface-name  if:interface-ref
```

Next Step

- Welcome more comments
- Ready for Yang Doctor review