EVPN multicast YANG Model

draft-zhao-pim-evpn-multicast-yang-03

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IETF118

Status

- version 03
  - Updated according to comments

Draft Update

- Add if-feature evpn-igmp-proxy and evpn-mld-proxy.

  augment /evpn:evpn/evpn:evpn-instances/evpn:evpn-instance:
  ```
  +--rw evpn-igmp-proxy?   boolean {evpn-igmp-proxy}?
  +--rw evpn-mld-proxy?    boolean {evpn-mld-proxy}?
  ```

Structure

- Details of the three new BGP EVPN routes.

```
module: ietf-evpn-multicast
augment /evpn:evpn/evpn:evpn-instances/evpn:evpn-instance:
   +--rw evpn-igmp-proxy?    boolean {evpn-igmp-proxy}?
   +--rw evpn-mld-proxy?     boolean {evpn-mld-proxy}?
augment /evpn:evpn/evpn:evpn-instances/evpn:evpn-instance/evpn:routes:
   +--ro selective-multicast-ethernet-tag-route*
   |  +--ro rd-rt* [route-distinguisher]
   |  |  +--ro route-distinguisher     rt-types:route-distinguisher
   |  |  +--ro vpn-target* [route-target]
   |  |     +--ro route-target     rt-types:route-target
   |  +--ro ethernet-tag?                 uint32
   |  +--ro multicast-source-address?    inet:ip-address
   |  +--ro multicast-group-address?     rt-types:ip-multicast-group-address
   |  +--ro originator-ip-prefix?        inet:ip-prefix
   +--ro multicast-membership-report-synch-route*
   |  +--ro rd-rt* [route-distinguisher]
   |  |  +--ro route-distinguisher     rt-types:route-distinguisher
   |  |  +--ro vpn-target* [route-target]
   |  |     +--ro route-target     rt-types:route-target
   |  +--ro ethernet-segment-identifier?    es:ethernet-segment-identifier-type
   |  +--ro ethernet-tag?                   uint32
   |  +--ro multicast-source-address?       inet:ip-address
   |  +--ro multicast-group-address?        rt-types:ip-multicast-group-address
   |  +--ro originator-ip-prefix?           inet:ip-prefix
   +--ro multicast-leave-synch-route*
      +--ro rd-rt* [route-distinguisher]
      |  +--ro route-distinguisher     rt-types:route-distinguisher
      |  +--ro vpn-target* [route-target]
      |     +--ro route-target     rt-types:route-target
      +--ro ethernet-segment-identifier?    es:ethernet-segment-identifier-type
      +--ro ethernet-tag?                   uint32
      +--ro multicast-source-address?       inet:ip-address
      +--ro multicast-group-address?        rt-types:ip-multicast-group-address
      +--ro originator-ip-prefix?           inet:ip-prefix
      +--ro maximum-response-time?          uint16
```

Next Step

- Apply for WG adoption

- Welcome more comments