IGMP & MLD Snooping
YANG Model

draft-ietf-pim-igmp-mld-snooping-yang-03

Hongji Zhao (Ericsson)
Xufeng Liu (Jabil)
Yisong Liu (Huawei)
Mahesh Sivakumar (Juniper)
Anish Peter (Individual)

IETF102
Status

• Updated with version 03
  - Updated according to draft-ietf-netmod-rfc6087bis and the review comments

• Reviewed by YANG doctor
  - Will update after IETF102
• Change the range of robustness-variable to “1..7”, and the default value is 2.

leaf robustness-variable {
  type uint8 {
    range "1..7";
  }
  default 2;
  description
    "Querier's Robustness Variable allows tuning for the expected
    packet loss on a network."
  reference "RFC3376. Sec. 4.1.6, 8.1, 8.14.1."
}
• Add an example of instance data tree in the JSON encoding [RFC7951]

```
{
    "ietf-igmp-mld-snooping:igmp-snooping-instances": {
        "igmp-snooping-instance": [
            {
                "name": "ins101",
                "type": "bridge",
                "enable": true
            }
        ]
    },
    "ietf-igmp-mld-snooping:bridges": {
        "bridge": [
            {
                "name": "isp",
                "component": [
                    {
                        "name": "comp1",
                        "bridge-vlan": {
                            "vlan": [
                                {
                                    "vid": 101,
                                    "igmp-snooping-instance": "ins101"
                                },
                                ...
                            ]
                        }
                    }
                ]
            }
        ]
    }
}
```
Next Step

• Apply for WGLC

• Any more comments?
IGMP & MLD
YANG Model
draft-ietf-pim-igmp-mld-yang-07

Xufeng Liu (Jabil)
Feng Guo (Huawei)
Mahesh Sivakumar (Juniper)
Pete McAllister (Metaswitch)
Anish Peter (Individual)

IETF102
Status

- Updated from last IETF, Mainly based on AD & chairs’ comments
  - Updated according to draft-ietf-netmod-rfc6087bis, mainly the part of security considerations
  - Updated reference information
  - Updated the range of robustness-variable from 2-7 to 1-7, the same as igmp snooping yang model
Next Step

• Ready to start last call
• Ready for review by another yang doctor