MPLS LSP Ping Yang Model

draft-zheng-mpls-lsp-ping-yang-cfg

IETF 93, Prague

Greg Mirsky, Ericsson
Vero Zheng, Huawei
Sam Aldrin
Guangying Zheng, Huawei
Reshad Rahman, Cisco

Update since IETF92

- move the enumeration definition from list leaf to typedef

- Update the identifier definition format to make it conformance the YANG suggestion.

- Add units attribute for leaf with type of time

- Add ttl to contrl-info

- Add probe-result list to show every lsp ping msg detail info, which with return-code/return-sub-code/rtt/result-type

- Give sample netconf XML RPC request/reply for sample-test-case

Main review comments confirmation

- Comments from Ioa: have update the draft

- Comments from Nobo:

  - Have add the "Return Code and Return Subcode" by add new list "probe-result"

  - Have add the source IP address of the received MPLS Echo Reply in the resultInfo.

  - The relationship between Frequency, ProbeCount and Stop time Parameters have update to draft

  - Have add ttl to contrl-info

  - ECMP scenario not include in current version of draft, will concern this scenario in future version.

  - Traceroute will in future version.

  The other comments have discussed by mail, please check, any new comments is welcomed.

New added probe-result list

module: ietf-lspping

    +--rw lsp-pings

      +--rw lsp-ping* [lsp-ping-name]

        +--rw lsp-ping-name   string

        +--rw control-info

        ...

        +--rw schedule-parameters

        ...

        +--ro result-info

          ...

          +--ro probe-result* [probe-index]

            +--ro probe-index   uint32

            +--ro return-code?   uint8

            +--ro return-sub-code?   uint8

            +--ro rtt?   uint32

            +--ro result-type?   result-type

Next Steps

- Get comments on rev-01 and seek contributions and collaborations

- Add LSP-Ping extensions and updates

- Consider support of long running command with NETCONF

- Consider relationship with other MPLS OAM Yang

- Eventual MPLS WG adoption