Opendaylight SFC Update
IETF-92

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LINUX FOUNDATION
COLLABORATIVE PROJECTS

Since IETF-91 & Planned for Next ODL Release

1. Implementation of SFC Traceroute
   - http://tools.ietf.org/html/draft-penno-sfc-trace-02
   - Sending Trace packet to Service Path and Service Index: (22, 255)
   - Trace response...
   - Service-hop: 0. Service Type: dpi, Service Name: SF1, Address of Reporting SFF: ('10.0.1.41', 4789)
   - Service-hop: 1. Service Type: firewall, Service Name: SF4, Address of Reporting SFF: ('10.0.1.42', 4789)
   - Service-hop: 2. Service Type: napt44, Service Name: SF5, Address of Reporting SFF: ('10.0.1.43', 4789)
   - Trace end

Since IETF-91 & Planned for Next Release

2. Implementation of SFC and Netconf integration (Hackathon!)

   ▪ Video Demo: https://youtu.be/odb-TIE11yY

3. (On-going) Integration of SFC and OpenvSwitch

   ▪ Video Demo: https://youtu.be/cG_b-uCqpr0

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4. Service Function Load-Balancing Implementation

   - ROUND_ROBIN, LOAD_BALANCE, RANDOM;

5. Service Function Groups

   - Several Services Functions of the same type acting as one from a path perspective

Resources

- More information:
  - https://wiki.opendaylight.org/view/Service_Function_Chaining:Main

Thank you