SRv6 OAM

Zafar Ali - Cisco Systems (zali@cisco.com) - Presenter
Clarence Filsfils - Cisco Systems (cfilsfil@cisco.com)
Nagendra Kumar - Cisco Systems (naikumar@cisco.com)
Carlos Pignataro – Cisco Systems (cpignata@cisco.com)
Faisal Iqbal – Cisco Systems (faiqbal@cisco.com)
Rakesh Gandhi - Cisco Systems (rgandhi@cisco.com)
John Leddy Comcast (John_Leddy@cable.comcast.com)
Satoru Matsushima – Softbank (satoru.matsushima@g.softbank.co.jp)
Robert Raszuk Bloomberg LP (robert@raszuk.net)
Daniel Voyer - Bell Canada (daniel.voyer@bell.ca)
Gaurav Dawra – LinkedIn (gdawra.ietf@gmail.com)
Bart Peirens – Proximus (bart.peirens@proximus.com)
Mach Chen – Huawei (mach.chen@huawei.com)
Gaurav Naik - Drexel University (gn@drexel.edu)
Summary of Changes

• The O-bit was in SR Header Draft.
• We move it to draft-ali-spring-srv6-oam-01.txt (in July 2018).
• draft-ali-spring-srv6-oam-01.txt was presented at the 6man and Spring WG at IETF102.
• Handling of O-bit is better understood and should be defined in the SR Header draft.
• Summary of changes in Rev 2 are as follows:
  – Remove O-bit flag.
  – Editorial changes.
Scope of the Draft

- The document describes how existing ICMP mechanisms can be used in SRv6 Network.
- The document does not propose any changes to the SRH or IPv6 data plane.
- The document does not make any changes to ICMP procedures.
- The document requests one ICMPv6 Message type from the "ICMPv6 type Numbers" registry.
  - SRv6 OAM Message (Value: TBD) and an associated sub-registry.
Next Steps

• The authors would like 6man WG to review the document and advise of any comments.

• The authors will be requesting Spring WG for adoption of this work.