Inter-domain SLA Exchange

http://www.ietf.org/id/draft-ietf-idr-sla-exchange-02.txt

IETF 88, Nov 2013, Vancouver, Canada
Topics

- Take-away from IETF 86 (including feed-back from tsvwg)
- Changes since IETF 86
- Implementation Report
- Next Steps
Evaluate re-use of existing IANA types
(This slide was presented at the IETF 86)

- RFC 5102 - IPFIX Information Element ids to represent Traffic Class (IANA Type = IPFIX Information Element Identifiers)
  - Re-use only Element Id + Abstract data-type

- RFC5575 – BGP Flow Specification (IANA Type = Flow Spec Component Types)
  - Limited set of traffic class

- RFC5975 – QSPEC Template (ref. QSPEC parameters)
  - Parameter ID IANA type
  - Limited set of traffic class
  - Some of the parameters are irrelevant to SLA

  Feed-back from tsvwg: look at RFC2212 as a reference (RFC5975 inherits from)
Changes since IETF 86

- Re-use of IPFIX Element identifiers for Traffic Classifier Element [RFC5102]

- Rate profile using exactly same format as Tspec [RFC2212]

- Modification for proper and consistent use of Terminology
  
  Eg.,
  
  SLA parameter exchange is not same as establishing SLA
  
  Generalize terminology to support more use-case applicability
Implementation Report

- Implementation on multiple Cisco OS
  Supports use-cases (section “Deployment Considerations”) described in the draft

- Details of implementation report and inter-operability at

- Looking for more implementations
Next Steps?