

Service Level Specification and Usage

Proposed WG goals / milestones and
charter

IETF OAM area

San Diego, 13 December 2000

Charter

- To be drafted from the discussed goals and milestones during this BoF
- To be discussed on the mailing list
- Mailing list
 - sls@ist-tequila.org
 - subscription and archive
 - <http://www.ist-tequila.org/sls.html>

Proposed SLSU WG Goals

- produce terminology and framework documents for the usage and negotiation of Service Level Specifications for Diffserv enabled networks
- design and document a vendor independent, extensible, formal representation of a Service Level Specification, thereby listing a number of basic parameters, and their valid arrangements

Proposed SLSU WG Goals (Ctd)

- design and document the semantics of message exchanges during SL negotiation between a customer and provider
- instantiate SLS and negotiation semantics for specific protocol(s)
- Leverage existing standards work
 - coordinate work with other Working Groups within the IETF (e.g., Diffserv, Policy Framework, AAA, ippm, etc) and outside

NON GOALS !!

- Elaboration of the internal working of domains (traffic engineering, monitoring/measurement, PHB, PDB definition, etc...)
- Specification of new protocols
- Elaboration of business and tariffing models

Proposed SLSU WG Milestones

- dec 00 - BoF / charter discussion
- mar 01 - framework/terminology drafts
- jun 01 - submit SLSU framework/terminology drafts to IESG as Informational
- jun 01 - info model and protocol requirements drafts
- sep 01 - protocol instantiation draft(s)
- dec 01 - submit info model to IESG as Standards Track
- dec 01 - submit protocol requirements to IESG as Informational
- feb 02 - submit protocol instantiation draft(s) to IESG as Standards Track
- feb 02 - close WG or recharter

Discussion topics

- Need for standardization
- Goals
 - Produce terminology document
 - Produce framework document
 - Formal representation of SLS info model
 - Negotiation protocol requirements
 - Protocol-specific SLS instantiation
 - Leverage existing standards (RSVP, COPS, DIAMETER, HTTP, SIP, ...)

Logistics

- Chairs
 - Yves T'Joens (yves.tjoens@alcatel.be)
 - Raju Rajan (rajan@research.att.com)
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