A YANG Data Model for LMAP Measurement Agents

draft-ietf-lmap-yang-02

Jürgen Schönwälder, Jacobs University
Changes since IETF 93 (1/2)

• Updated and split examples (config vs state vs report)
• Refactored the definitions so that common definitions used by both the control and report data models are in the new module ietf-lmap-common
• A report is submitted via an RPC operation instead of using a notification
• The default execution mode is pipelined
• Clarified which action consumes data in sequential, pipelines, and parallel execution mode
Changes since IETF 93 (2/2)

• Added /lmap/agent/measurement-point, /lmap/agent/report-measurement-point, and /report/measurement-point to configure and report the measurement point
• Turned /lmap/suppression into a list /lmap/suppressions/suppression that uses a start and stop event to define the beginning and end of a suppression period
• Added controller-lost an controller-ok event choices to /lmap/events/event
• Added a metrics-grouping to identify entries in a metric registry and associated roles
• Added /lmap-state/schedules to report the status of schedules and their actions, refactored /lmap-state/tasks to only report the task capabilities
Next Steps

• Work through at least one full example (!)
• Shall we define logging notifications or is it good enough to assume an external logging solution to take care of the logging part of the information model?
• Align with upcoming changes to the information model
• Address YANG modeling issues (marked with XXX in the data model)
• Wait for resolution of YANG questions (e.g., uniqueness requirement for non-config leaflists)