

A YANG Data Model for LMAP Measurement Agents

draft-ietf-lmap-yang-02

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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 and 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)