Information Model for Large-Scale Measurement Platforms (LMAP)

draft-ietf-lmap-information-model-06

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Changes since IETF 92

- A task can now reference multiply registry entries.
- Consistent usage of the term Action and Task.
- Schedules are triggered by Events instead of Timings; Timings are just one of many possible event sources.
- Actions feed into other Schedules (instead of Actions within other Schedules).
- Removed the notion of multiple task outputs.
- Support for sequential, parallel, and pipelined execution of Actions.

Comments from Jürgen Schönwälder

- The term Instruction Task is not well defined and its use is not consistent, proposal is to get rid of this term.

Comments from Timothy Carey

- Need to describe if schedules, tasks or scheduled actions are to be disabled and how they are re-enabled.
  - This in particular applies to schedules disabled due to loss of connectivity with the controller
- Determine how to report the operational status of schedules, tasks, scheduled actions and MAs

Open Issues

- Should the execution-mode have a default? If so, which one?
- Is the current handling of lost connectivity to the controller sufficient?
- There should be status objects for schedules and actions instead of tasks (since what is being invoked are schedules and actions, not configured tasks).
  - The status objects should also indicate whether a schedule is enabled, suppressed, disabled (e.g. due to loss of controller connectivity), or disabled for any other reason.