A framework for large-scale measurement platforms (LMAP)
draft-ietf-lmap-framework-08

AD Review Comments

- First – Thank you, Benoit
- Redundancies – Ideas and descriptions sometimes repeated:
  - Intro, scope, and terminology have natural overlap
  - Section 5 presents the [RFC4101] Protocol Models as Figures, it's natural to say what they show
  - Security and Privacy sections may mention and remind the reader of concepts, too.
  - it's a long memo, it could be a little shorter…

AD Review Comments (contd.)

- Active *and* Passive
  - we deliberately removed these terms, the definitions were thought to be understood, but turned out to be somewhat controversial
  - IPPM has both Active and Passive in its Charter/ Scope
  - Privacy Section 8 (not reviewed) raises more concerns with Passive than with Active
  - we can clarify and add to achieve a better balance (Phil has suggested a Figure 1 pointer to App A4)

IPPM Charter

Additional methods will be defined for the composition and calibration of IPPM-defined metrics, as well as <u>active, passive and hybrid</u> measurement methods for these metrics. In addition, the WG encourages work which describes the applicability of metrics and measurement methods, especially to improve <u>understanding of the tradeoffs involved among active, passive, and hybrid methods</u>.

AD Review Comments (contd.)

- Measurement System: the set of LMAP-defined and related components that are operated by a single organization, for the purpose of measuring performance aspects of the network. <preliminary text>
- Suppression in the context of Passive
  - affects how Reporting is handled during Suppression

AD Review Comments (contd.)

- Appendix: figure A4: I don't understand this sentence:
  - if packets are not forwarded, the measurement task will not work.
  - This was a paragraph desc. non-working router in path
- Also, related to the previous comment. What about a remote span to the probe? Is this in scope or not?
- [phil] I'd be ok to delete the whole of the last paragraph.

Figure A4

```
  +-----+      +---------------+                      +------+    ^
  | MP  |      |   MA: Monitor |                      | MP   |  IPPM
  |     |<--|--|---------------|---traffic--->|       |      |  Scope
  +-----+   |               |                        +------+  |
       .......|................|..........................v...........
            | LMAP interface |                                ^
            +---------------+                                 |
                   ^        |                                 |
         Instruction |      | Report                          |
                     |    +-----------------+                 |
                     |    |                 |                 |
                     |    v                 LMAP
          +-----------+       +-----------+  Scope
          | Controller|       | Collector |  |
          +-----------+       +-----------+  v
```
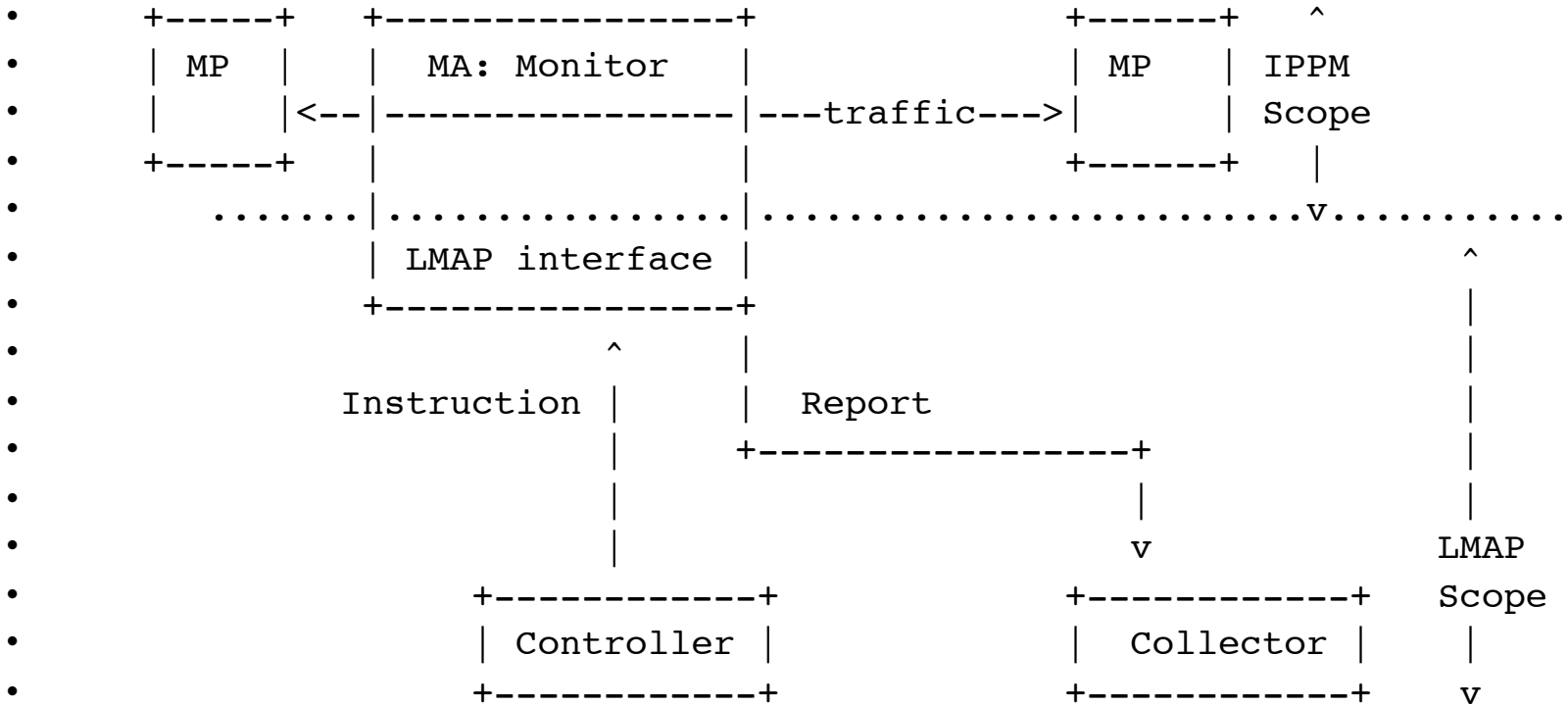
Figure A4: Schematic of LMAP-based measurement system,
with a Measurement Agent monitoring traffic