

Precision Availability Metrics for SLO-Governed End-to-end Services

draft-ietf-ippm-pam

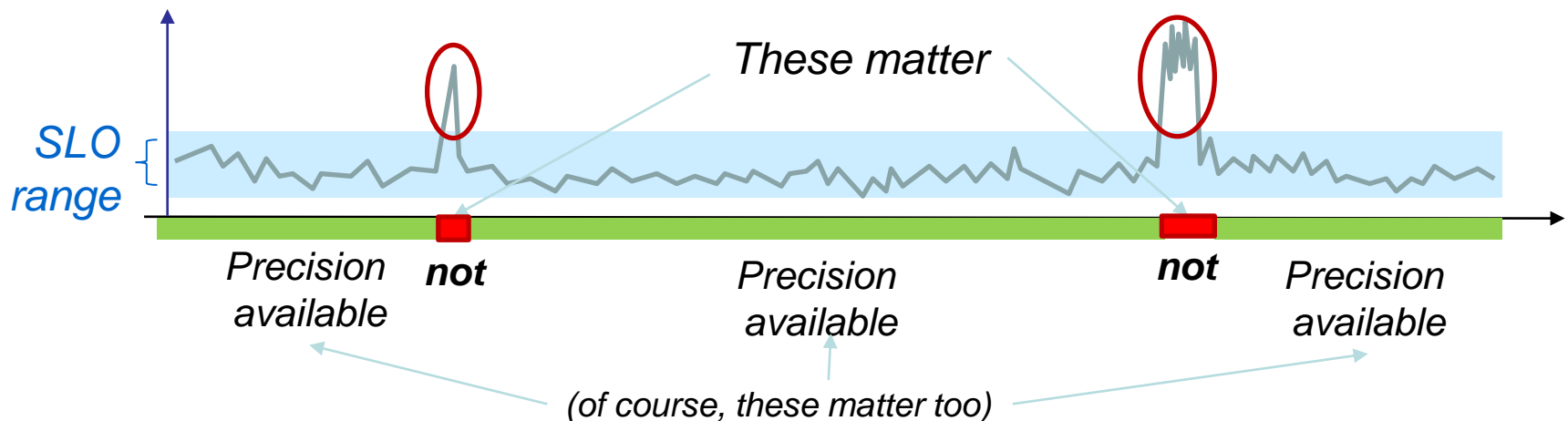
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Precision Availability Metrics

- Observation #1: SLOs are key – you need to count what counts
 - Critical performance metrics reflected a set of SLOs
 - In some use cases, the complete history of each SLO is not needed
 - Capturing violations (and asserting their absence) is often sufficient (and more efficient to retain)
- Observation #2: Analogy between service and system failures
 - Inability to deliver contracted SLOs is a failure
 - Precision Availability is a form of availability



Update

- Addressed comments by Bjørn Ivar Teigen and Christian Jacquenet:
 - clarification of the histogram metrics for PAM
 - the term "compliance" throughout is replaced with "accordance"
 - removed reference to percentiles, leave "percentage of packets"
- Editorial updates

Discussion items

Future work, new documents (outside scope here):

- IPFIX Informational Elements - [draft-clemm-opsawg-pam-ipfix](#)

Next steps

- We've had some good reviews and updated the draft
- We always welcome more comments
- The authors think this work is complete
- It is time for WGLC

Thank you!