

draft-koike-mpls-tp-temporal- hitless-psm-02

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Prague

Yoshinori Koike / NTT

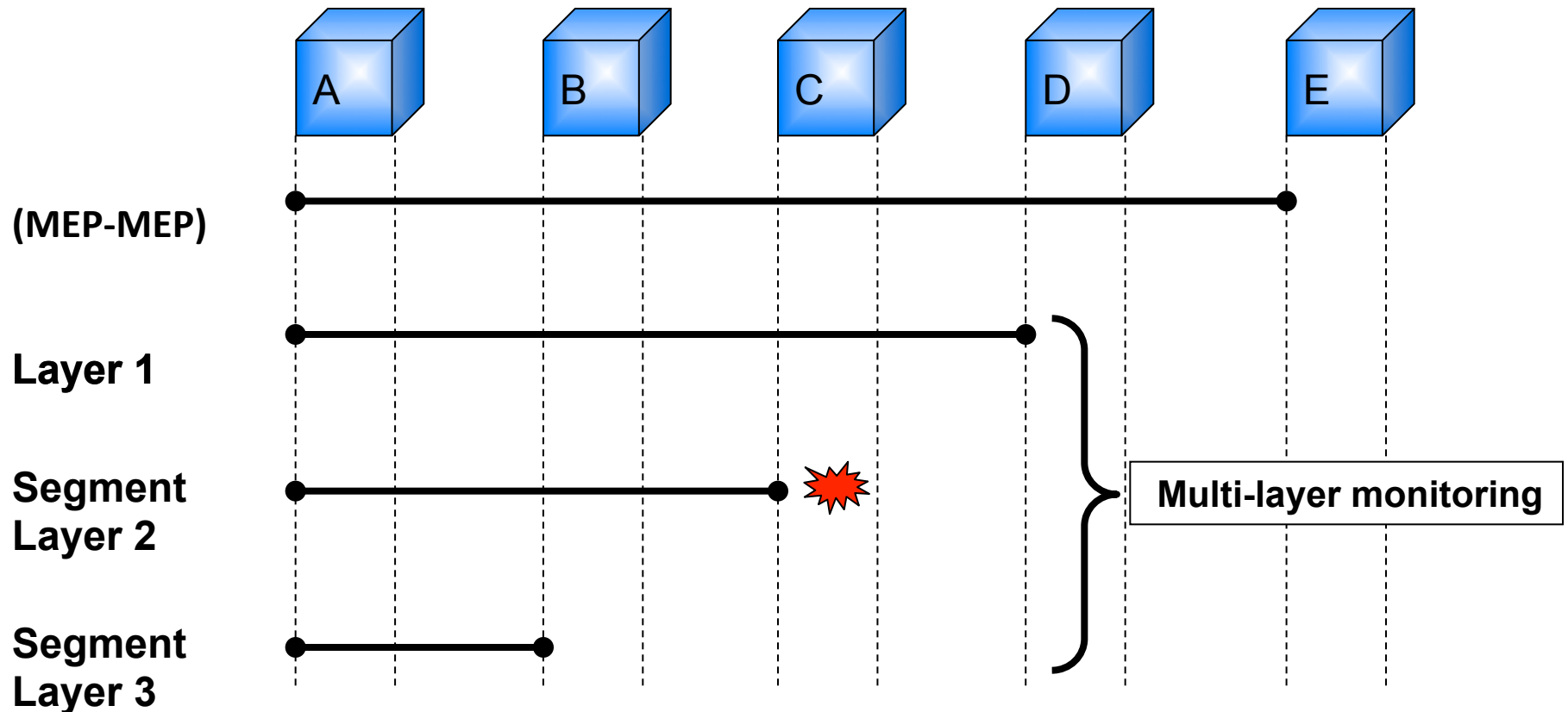
Alessandro D'Alessandro/ Telecom Italia

Updates

- Mr. Alessandro D'Alessandro of Telecom Italia joined as a co-author.
- Reflected comments from mailing-list discussion
- Aligned the network objectives with the descriptions in 3.8 of mpls-tp-oam-framework
- Added an example of Sub-path Maintenance Element (SPME) to clarify the necessity of the enhanced in-service segment monitoring
- Added requirements for enhanced in-service segment monitoring

(1) On-demand hitless segment monitoring at least in single layer

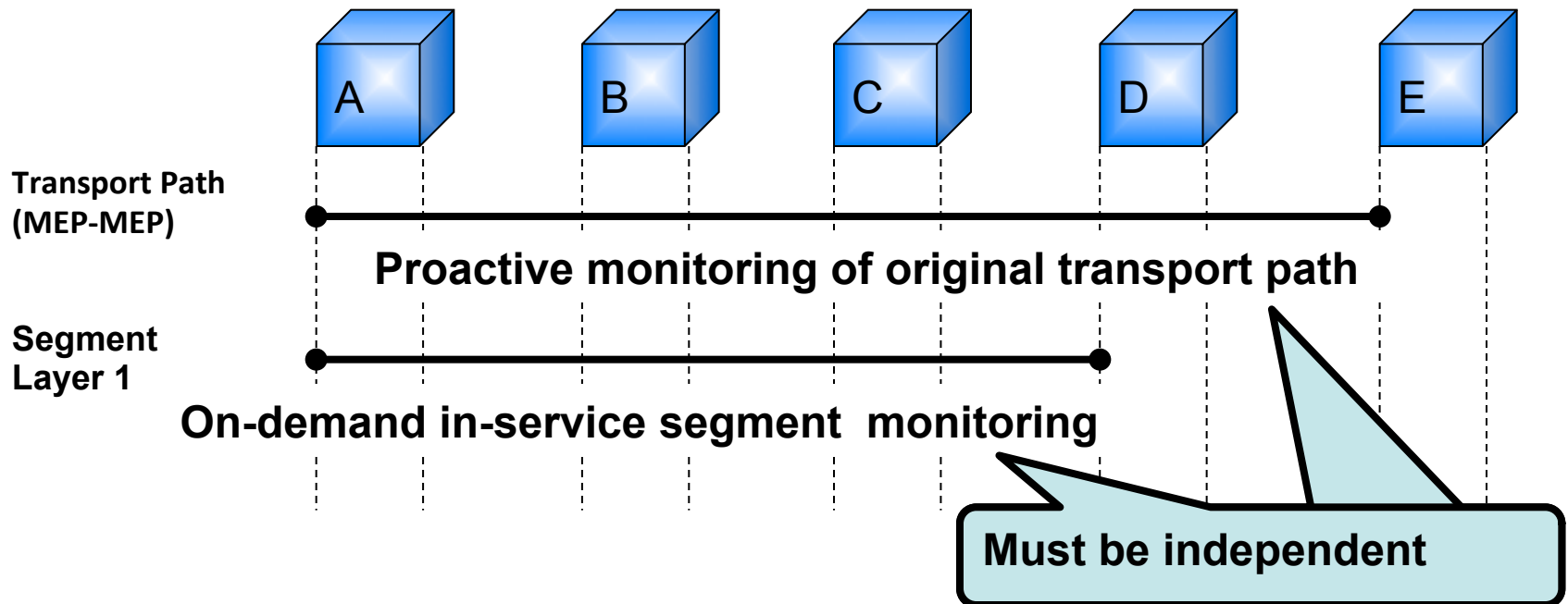
- ✓ On-demand and in-service “single-layer” hitless segment monitoring is mandatory. It provides a method for a defect localization
- ✓ On-demand and in-service “multi-layer” hitless segment monitoring is optional. Multi-layer measurements in parallel achieve a strict and efficient defect localization by using the results of the same time frame.



from proactive monitoring of ME

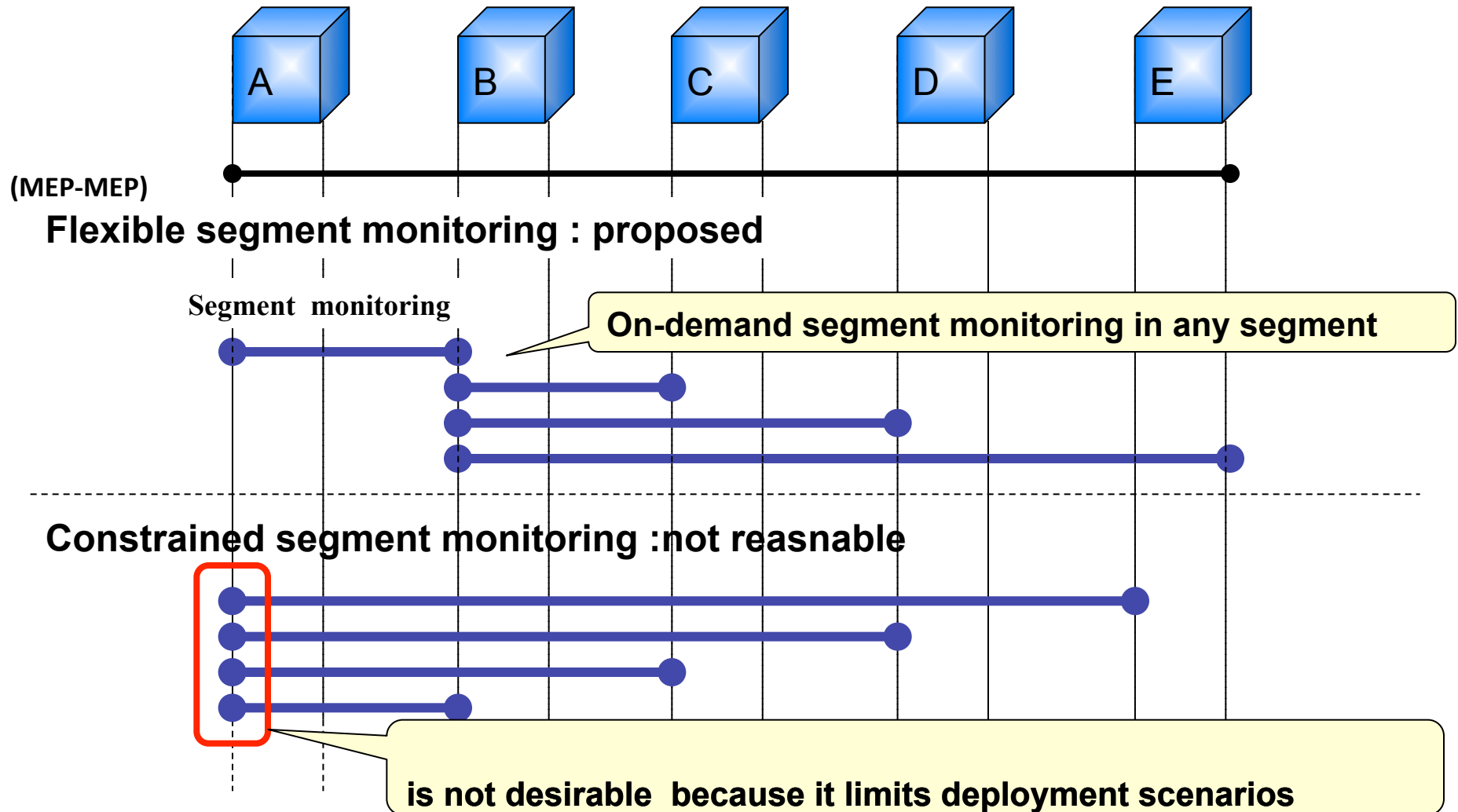
- “On-demand and in-service” segment monitoring should be supported without disabling the pro-active monitoring of an original transport path.

Note: Bandwidth design for OAM packets used by the on-demand and in-service segment monitoring is operators' design issue.



(3) Diagnostic procedures for defect localization

- On-demand and in-service segment monitoring should be
- On-demand and in-service segment monitoring should be



Summary of additional requirements

- On-demand and in-service “single-layer” segment monitoring is proposed. Multi-layer segment monitoring is optional.
- “On-demand and in-service” single layer segment should be done independently from pro-active monitoring of an original ME of a transport path.
- On-demand and in-service segment monitoring should be able to be set in an arbitrary segment of a transport path.

Next Steps

operators

- Reflect comments from Deutsche Telekom
- Mr. Manuel Paul joins as a co-editor
- Request to make this a WG draft

Thank you