Alternate Marking Deployment Framework

draft-fz-pppm-alt-mark-deployment-00

San Francisco, Jul 2023, IETF 117

Giuseppe Fioccola
Tianran Zhou
Huawei

Fabrizio Milan
Massimo Nilo
Telecom Italia
How To Deploy Alternate-Marking

• RFC 9341, RFC 9342 and RFC9343 have been published, but it was suggested to provide guidance for the AltMark deployment, especially with regard to the manageability
• A Framework for the Alternate Marking deployment is therefore proposed in this draft

The draft aims to clarify the following aspects:

➢ AltMark Deployment Domain
➢ AltMark Measurement Nodes
➢ Type of Measurements (One flag, Two flags,...)
➢ Operational Guidelines: kind of information, measurement frequency, computational load,...
➢ Manageability and Configuration Aspects
➢ Data Export, Collection and Calculation
➢ Encapsulations (IPv6, SRv6, BIER, MPLS, SFC, NVO3, Enhanced Capabilities)
➢ Security
Thank You

Comments are welcome!