

Multimedia Real-Time Communication Over A Packet Network.

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Abstract: *This demo shows how to deploy two network segments with different QoS using packet and optical networks to deploy multiple real-time communication suites. Two new features of the SONATA service platform are demonstrated: QoS-based network segmentation and WIM support via the ONF transport API.*

Keywords: Packet Network

REFERENCES

- [1]. 3GPP. 3GPP TR 28.801: Study on management and orchestration of network slicing for next generation network, 2018.
- [2]. R. Vilalta, P. Alemany, et al.: Zero-touch network slicing through multi-domain transport networks, in Proc. ICTON, 2018.
- [3]. C. Parada, J. Bonnet, R. Vilalta, R. Muñoz, et al.: D5.1 Service Platform Operational First Release, EUC5GTANGO project 2018.
- [4]. G. Xilouris, L. Roullet, F. Vicens, R. Vilalta, et al.: D7.1 Evaluation strategy and test bed setup report, EUC5GTANGO Project 2017.
- [5]. D. Behnke, M. Müller, P.-B. Bök, C. Parada, J. Bonnet, et al.: D7.2 Implementation of pilots and first evaluation, EUC 5GTANGO Project 2018.
- [6]. 3GPP. 3GPP TS 23.501: 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 15), 2018.
- [7]. 5GTANGO NST Data Model, <https://github.com/alemanyp/tng-schema/tree/master/slice-descriptor>
- [8]. 5GTANGO NSI DATA MODEL, [HTTPS://GITHUB.COM/ALEMANYP/TNG-SCHEMA/TREE/MASTER/SLICE-RECORD](https://github.com/alemanyp/tng-schema/tree/master/slice-record)