Next Generation Mobile Networks
NGMN Liaison Statement on the NGMN 5G End-to-End Architecture Framework
(draft working baseline version)

Title: NGMN 5G End-to-End Architecture Framework.

Source: NGMN Alliance Project P1 E2E Architecture Framework

To: 3GPP TSG SA WG2

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1. About the NGMN Alliance

The NGMN Alliance is an industry organization of leading world-wide Telecom Operators, Vendors and Research Institutes (see www.ngmn.org) and was founded by international network operators in 2006. Its objective is to ensure that the functionality and performance of next generation mobile network infrastructure, service platforms and devices will meet the requirements of operators and, ultimately, will satisfy end user demand and expectations. The NGMN Alliance will drive and guide the development of all future mobile broadband technology enhancements with a focus on 5G. The targets of these activities are supported by the strong and well-established partnership of worldwide leading operators, vendors, universities, and successful co-operations with other industry organisations.

2. NGMN 5G Work-Programme, Requirements and Architecture

In September 2017 the first version of the NGMN End-to-End Architecture Framework was published, building on and developing end-to-end architecture principles from the 2015 5G White Paper, which can support the standardisation and subsequent availability of 5G for 2020 and beyond.

3. Intention of the LS and required actions

NGMN is pleased to inform the recipient of this liaison statement for information sharing on a draft working baseline version of the NGMN 5G End-to-End Architecture Framework that includes requirements together with descriptions and concepts associated with new topics.

Further work, consideration, and review in the articulation of the related requirements together with updates is planned, based on the draft working baseline document, prior to a published interim version at the end of 1Q19.

The new topics of interest include:
- Minimization or avoidance of tunnel overhead
- Distributed Ledger Technology
- Autonomic networking
- Network automation
- Network data layer

This NGMN liaison is intended for information sharing in terms of the new topics that have been introduced in the attached draft working baseline document.

References
None.