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SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS, NEXT-GENERATION NETWORKS, INTERNET OF THINGS AND SMART CITIES

Next Generation Networks – Service aspects: Service capabilities and service architecture

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Service function chaining in mobile networks

Recommendation ITU-T Y.2242

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Recommendation ITU-T Y.2242

Service function chaining in mobile networks

Summary

Recommendation ITU-T Y.2242 specifies a method of coordinating existing and ongoing works on service function chaining in mobile networks (specified in [IETF RFC 7665], [IETF RFC 8300] and [b-ONF TS-027]) by introducing a chain orchestrator as a new entity.

NOTE – [b-3GPP TS 23.203] is another well-known specification on service function chaining.

Recommendation ITU-T Y.2242 also covers the case when relevant network functions are virtualized.

Recommendation ITU-T Y.2242 aims to describe the requirements, architecture, functional entities, reference points and information flows of service function chaining in mobile networks.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Y.2242	2018-12-14	13	11.1002/1000/13804

Keywords

Chain orchestrator, mobile network, service function chaining

* To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11830-en.

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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