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Signalling requirements and protocols for the NGN –
Testing for NGN networks

**The types and list of NGN services testing on
the Model networks. Test set I**

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The types and list of NGN services testing on the Model networks. Test set I

Summary

This Recommendation describes requirements for the first set of NGN services testing and typical approach on service testing.

1

Content

1.	Scope	4
2.	References	4
3.	Definitions	4
3.1	Terms defined elsewhere	4
4.	Abbreviations and acronyms	4
5.	Conventions	6
6.	NGN services classification for testing (test set I)	6
7.	Requirements to NGN service testing approach.....	6
7.1	Model networks requirements for providing NGN service testing	6
7.2	NGN services test program.....	7
7.2.1	Common service parameters testing.....	7
7.2.2	NP and QoS parameters of service testing	7
7.3	NGN services test specification.....	8
7.3.1	Common characteristic of services testing	8
7.3.1.1	<i>Service scenarios and logic of service testing</i>	8
7.3.1.2	<i>Call flow testing for realization service</i>	8
7.3.1.3	<i>Emergency accessibility testing</i>	8
7.3.1.4	This clause should provide the test's specifications for services in case of emergency situation. <i>Customer's terminal identification testing</i>	8
7.3.1.5	<i>Coding testing</i>	8
7.3.1.6	<i>Numeration and addressing for providing service</i>	8
7.3.1.7	<i>The service statistic testing</i>	9
7.3.1.8	<i>Information security testing</i>	9
7.3.1.9	<i>Customer's profile testing</i>	9
7.3.1.10	<i>Service profile testing</i>	9
7.3.1.11	<i>QoS and NP testing for service</i>	9

8.	Formalization of service testing results	10
Annex A	The full list of NGN Capability set 1 and Capability set 2 services.....	11

The types and list of NGN services testing on the Model networks. Test set I

1. Scope

This Recommendation provides the list of NGN CS-1 services which could be tested on Model network as described in clause 7 and operators' networks.

This Recommendation includes test specifications for NGN CS-1 services.

2. References

- [ITU-T E.800] Recommendation ITU-T E.800 (2008), Definitions of terms related to quality of service
- [ITU-T Q.3900] Recommendation ITU-T Q.3900 (2006). Methods of testing and model network architecture for NGN technical means testing as applied to public telecommunication networks
- [ITU-T Q.3901] Recommendation ITU-T Q.3901(2008), Distribution of tests and services for NGN technical means testing in the model and operator networks
- [ITU-T Q.3903] Recommendation ITU-T Q.3903 (2008). Formalized presentation of testing results
- [ITU-T Y.2006] Recommendation ITU-T Y.2006 (2008), Description of capability set 1 of NGN release 1
- [ITU-T Y.2012] Recommendation ITU-T Y.2012 (2010), Functional requirements and architecture of next generation networks
- [ETSI TR102775] ETSI TR 102 775 V1.4.1 (2010-09). Speech and multimedia Transmission Quality (STQ); Guidance on objectives for Quality related Parameters at VoIP Segment-Connection Points; A support to NGN transmission planners

3. Definitions

3.1 Terms defined elsewhere

This Recommendation uses the following terms defined elsewhere:

3.1.1 model network [ITU-T Q.3900]: A network which simulates the capabilities similar to those available in telecommunication networks, it has a similar architecture and functionality and uses the same telecommunication technical means.

3.1.2 NGN technical means [ITU-T Q.3900]: The NGN network equipment which serves as a basis for building new generation network solutions, including application in public telecommunication networks.

3.1.3 quality of service (QoS) [ITU-T E.800]: Totality of characteristics of a telecommunications service that bear on its ability to satisfy stated and implied needs of the user of the service.

3.1.4 QoS experienced/perceived by customer/user (QoE) [ITU-T E.800]: A statement expressing the level of quality that customers/users believe they have experienced.

4. Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

ACB Anonymous Communication Barring