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Universal Mobile Telecommunications System (UMTS);
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Study of mechanisms for
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Foreword

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1 Scope

The scope of this report is to highlight alternative solutions that could be used to protect mobile subscribers from receiving unsolicited communication over IMS and to analyze these solutions in respect of their requirements and impacts on standardized interfaces.

This activity took into account the study done in TISPAN TR 187 009 on 'Feasibility study of prevention of unsolicited communications in the NGN'.

2 References

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[1] ETSI TR 187 009: 'Feasibility study of prevention of unsolicited communications in the NGN'.

[2] 3GPP TR 21.905: 'Vocabulary for 3GPP Specifications'.

[3] 3GPP TS 22.228: 'Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1'.

[4] Internationales Anti-SPAM-Recht from "Bundesamt für Sicherheit in der Informationstechnik", page 42 to 45, http://www.bsi.de/literat/forumkes/kes0508.pdf

[5] Spam Regulation Overview from Caslon Analytics, http://www.caslon.com.au/spamnote.htm

[6] Combating SPAM Through Legislation – A Comparative Analysis of US and European Approaches from E. Moustakas, Prof. C. Ranganathan, Dr. P. Duquenoy, http://www.ceas.cc/papers-2005/146.pdf

[7] Stemming The International Tide Of SPAM – Trends in Telecommunication Reform 2006 from John G. Palfrey, Jr., http://www.itu.int/ITU-D/treg/publications/Chap%207_Trends_2006_E.pdf

[8] Report Of The OECD Task Force On SPAM: Anti-SPAM Toolkit of Recommended Policies And Measures, http://www.oecd.org/dataoecd/63/28/36494147.pdf

[9] ITU Survey On Anti-SPAM Legislation Worldwide on WSIS Thematic Meeting on Cybersecurity 2005, http://www.itu.int/osg/spu/spam/legislation/Background_Paper_ITU_Bueti_Survey.pdf

[10] EU Symposium 2006: Countering SPAM In A Digital World from Cristina Bueti, http://spamsymposium.eu/files/Cristina%20Bueti.ppt

[11] RFC 5039 "The Session Initiation Protocol (SIP) and Spam'

[12] 3GPP TS 29.328: 'IP Multimedia Subsystem (IMS) Sh interface; Signalling flows and message contents'.

[13] 3GPP TS 29.329: 'Sh interface based on the Diameter protocol; Protocol details'.

[14] 3GPP TS 24.611: 'Anonymous Communication Rejection (ACR) and Communication Barring (CB)using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification'.