

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Emulation Services for PSTN Modem Calls

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Reference

DTR/TISPAN-03215-NGN-R3

Keywords

PSTN, SIP, H.248, interworking

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Contents

Intellectual Property Rights	5
Foreword.....	5
1 Scope	6
1.1 Conventions.....	6
1.1.1 SDP Offer/Answer protocol variants	6
1.1.2 Configuration (Codec) list	6
2 References	6
2.1 Normative references	6
2.2 Informative references.....	7
3 Definitions and abbreviations.....	9
3.1 Definitions	9
3.2 Abbreviations	9
3.2.1 Reference Points	10
4 Problem Statement	10
5 Example scenario as introduction.....	11
6 XoIP bearer services for emulating PSTN modem calls - Existing technologies and recommendations	13
6.1 Indication and Negotiation of Media Configuration(s)	14
6.2 User plane - Handling of signal processing functions	15
6.2.1 GW behaviour (by SIP VGW, H.248 MG).....	15
6.2.2 GW control of EC and JB (in SIP VGW, H.248 MG).....	15
6.2.2.1 H.248 MG	15
6.2.2.1.1 Echo control	15
6.2.2.1.2 Jitter buffer control	15
6.2.2.2 SIP VGW	15
6.2.2.2.1 Echo control	15
6.2.2.2.2 Jitter buffer control	15
6.2.3 Call control level: indication of EC towards "remote side"	16
7 Media-type Configurations for PSTN modem calls	16
7.1 Overview	16
7.1.1 VBDoIP-type specific Configurations	17
7.1.2 FoIP-type specific Configurations	17
7.1.2.1 Major Configurations	17
7.1.2.2 Signalled versus provisioned T.38 Configurations	17
7.2 Preferred Configuration/Codec Lists (PCL).....	17
7.2.1 Basic principles.....	17
7.2.2 Signalling aspects	18
7.3 Interoperability check.....	19
7.4 Grouping of multiple media configurations	19
7.4.1 Introduction.....	19
7.4.2 Signalling capabilities for grouped media configurations.....	20
7.4.2.1 Call control: SIP/SDP	20
7.4.2.2 Gateway control: H.248	20
7.4.3 Interworking aspects.....	20
7.5 Declaration of dedicated media configurations	20
7.5.1 Introduction.....	20
7.5.2 Signalling capabilities for declaration of media configurations.....	21
7.5.2.1 Call control: SIP/SDP	21
7.5.2.2 Gateway control: H.248	21
7.6 Mode transitioning	21
7.6.1 Introduction.....	21
7.6.2 Mode transitioning behaviour	21

7.6.3	Mode transition support for V.152 and T.38 emulation services.....	22
8	Requirements analysis & recommendations	23
9	Use cases	24
9.1	Scenario #1 - IMS-based PES scenario, intra-IMS call between two SIP gateways	24
9.1.1	Scenario #1.1 - Two SIP VGWs	24
9.1.2	Scenario #1.2 - Two SIP AGCFs	25
9.2	IMS & IMS-based PES scenarios, general intra-IMS call.....	26
9.2.1	Scenario #2.1 - IMS & IMS-based PES scenario, general intra-IMS call	26
9.2.2	Scenario #2.2 - IMS & IMS-based PES scenario, intra-IMS call, unsuccessful negotiation	26
9.3	Scenario #3 - Inter-IMS call between two provider domains (IMS peering)	27
9.4	Scenario #4 - IMS-PSTN UNI call.....	28
9.4.1	Scenario #4bis - IMS-based PES to PSTN UNI (single IMS provider).....	28
9.5	Scenario #5 - IMS-PSTN NNI call.....	28
9.6	Scenario #6 - IMS-PSTN (general)	29
9.7	Scenario #7 - PES-IMS call between two provider domains.....	29
9.8	Scenario #8 - PES only.....	29
9.9	Scenario #9 - Others.....	30
9.10	Summary - Use Cases vs Signalling Capabilities.....	30
Annex A:	Support of VoIP bearer services for PSTN modem calls: Inventory of correspondent TISPAN specifications	31
A.1	T.38 and V.152 call support in IMS releases?.....	34
A.1.1	"Open" IMS position	34
A.1.2	"Strict service control" IMS position.....	34
A.1.3	Discussion	34
Annex B:	Support of Revised SDP Offer/Answer Syntax by 3GPP SIP Profile specifications	35
Annex C:	Discussion of SIP/SDP interworking by example scenarios.....	37
C.1	Media grouping	37
C.1.1	Example 1 - Two SIP VGWs with different SDP Capability Sets, but successful usage of RFC 3388 media grouping.....	37
C.1.2	Example 2 - RFC 3388 deficiencies	40
C.2	Example 3 - More SIP VGWs with different SDP Capability Sets.....	42
Annex D:	"SDP Offer/Answer protocol variants" - Negotiation Phases	44
Annex E:	Bibliography	47
	History	48

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Foreword

This Technical Report (TR) has been produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN).

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1 Scope

The present document specifically describes the framework of IP emulation services for PSTN modem call types. The present document provides, inter alia, a description of:

- the problem statement;
- summary of IP bearer services;
- overview of media-type configurations; and
- a collection of example network use cases;

for PSTN modem calls.

1.1 Conventions

1.1.1 SDP Offer/Answer protocol variants

The present document provides example signalling syntax. There are two models for the Session Description Protocol (SDP) concerning the indication and negotiation of media and transport capabilities:

- the name "*legacy* SDP Offer/Answer" indicates SDP Offer/Answer according RFC 3264 [i.1];
- the name "*revised* SDP Offer/Answer" indicates SDP Offer/Answer according RFC 5939 [i.4] and RFC MediaCapNeg [i.5].

The two SDP Offer/Answer *protocol variants* differ in terms of supported SDP *syntax*, but also in terms of negotiation logic on *semantical* level (see also Annex D).

1.1.2 Configuration (Codec) list

The term *media configuration* (briefly *configuration*) is more comprehensive than the term *codec*. A *media configuration* covers typically media type, media format, all media format attributes, media transport stack, media transport capacity and all associated parameter values.

The term *configuration list* represents consequently a list of configurations within the SDP *media description* block.

2 References

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