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TECHNICAL REPORT

5G;
ADMF logic for provisioning Lawful Interception (LI)
(3GPP TR 33.928 version 18.6.0 Release 18)

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Contents

Intellectual Property Rights	2
Legal Notice	2
Modal verbs terminology.....	2
Foreword.....	5
Introduction	5
1 Scope	6
2 References	6
3 Definitions of terms, symbols and abbreviations	6
3.1 Terms.....	6
3.2 Symbols.....	6
3.3 Abbreviations	6
4 ADMF and provisioning	7
4.1 Overview	7
4.2 General	7
4.3 Destination end points	9
5 LIPF logic.....	10
5.1 Background	10
5.2 Governing scenarios	11
5.3 Top-level LIPF provisioning logic	11
5.3.1 LIPF logic for initial configuration.....	11
5.3.2 LI provisioning logic in LIPF	11
5.3.2.1 General	11
5.3.2.2 Service-based LI provisioning logic in LIPF	12
5.3.2.3 Location Acquisition	12
5.3.3 Void	13
5.3.4 Void	13
5.4 Data	13
5.4.1 Scope of interception	13
5.4.2 Top-level view	14
5.4.3 5GC.....	14
5.4.3.1 The flow-chart.....	14
5.4.3.2 Interception	17
5.4.3.2.1 PDHR	17
5.4.3.2.2 LALS triggering	17
5.4.3.2.3 UDM.....	17
5.4.3.2.4 Summary	17
5.4.3.3 LI provisioning for additional data services in 5GC	18
5.4.3.3.1 LI provisioning for AKMA	18
5.4.3.3.2 LI provisioning for NEF based services	18
5.4.3.3.2.1 Scope of interception	18
5.4.3.3.2.2 The flow-chart.....	19
5.4.3.3.2.3 Interception	19
5.4.3.3.3 LI provisioning for Edge Computing Service.....	20
5.4.3.3.4 LI provisioning for 5G Media Streaming	21
5.4.4 EPC.....	22
5.4.4.1 The flow-chart.....	22
5.4.4.2 Interception	25
5.4.4.2.1 PDHR	25
5.4.4.2.2 LALS triggering	25
5.4.4.2.3 SGW/PGW deployment options.....	25
5.4.4.2.4 HSS.....	26
5.4.4.2.5 Summary	26

5.4.4.3	LI provisioning for additional data services in EPC	27
5.4.4.3.1	LI provisioning for SCEF/IWK-SCEF based services	27
5.4.4.3.1.1	Scope of interception	27
5.4.4.3.1.2	The flow-chart.....	28
5.4.4.3.1.3	Interception	28
5.5	Voice	29
5.5.1	Scope of interception	29
5.5.2	Initial configuration for N9HR/S8HR	29
5.5.2.1	General	29
5.5.2.2	Common to all HPLMNs	30
5.5.2.3	Separate configuration for an HPLMN	30
5.5.3	Top level LIPF logic for service type voice.....	31
5.5.4	LIPF logic for targets that are not non-local ID	32
5.5.4.1	The flowchart	32
5.5.4.2	Interception	40
5.5.4.2.1	IMS deployment	40
5.5.4.2.2	LALS triggering	40
5.5.4.2.3	Summary	40
5.5.4.2.4	STIR/SHAKEN	42
5.5.4.2.5	IMS Data Channel	44
5.5.5	LIPF logic for targets that are non-local ID	46
5.5.5.1	The flowchart	46
5.5.5.2	Interception	50
5.5.5.2.1	IMS deployment	50
5.5.5.2.2	Summary	51
5.5.5.2.3	STIR/SHAKEN	52
5.6	Messaging	52
5.6.1	Scope of interception	52
5.6.2	LIPF logic for service type messaging.....	53
5.6.2.1	Flowcharts	53
5.6.2.2	Interception	57
5.6.2.2.1	IMS deployment	57
5.6.2.2.2	LALS triggering	57
5.6.2.2.3	Summary	57
5.7	PTC	58
5.7.1	Scope of interception	58
5.7.2	LIPF logic for service type of PTC.....	59
5.8	LALS.....	60
5.8.1	Scope of interception	60
5.8.2	LIPF logic for service type of LALS	60
5.9	Void.....	60
5.10	RCS	60
5.10.1	Scope of interception	60
5.10.2	LIPF logic for service type of RCS.....	61
5.10.3	Interception	64
5.10.3.1	Deployment.....	64
5.10.3.2	Summary	64
Annex C (informative):	Bibliography.....	66
Annex Z (informative):	Change history	67
History		68

Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project (3GPP).

Introduction

The LI technical specifications (TS 33.126 [2], TS 33.127 [3], TS 33.128 [4]) contain the normative part of the LI requirements and the technical report TR 33.929 [5] contains additional information as an implementation guidance for LI. The ADMF that receives the warrant information from the Law Enforcement Agencies has the task of provisioning the LI functions present in various Network Functions (NFs) of the serving CSP network. Upon provisioning, the LI is activated in those NFs, and accordingly, the LI functions within those NFs monitor the target's communications and provide the LI as required by the warrant.

The scope of the NFs that provide the LI functions within the CSP network is determined based on various factors such as LI service type, CSP deployment choice, scope of LI as authorized in the warrant. The present document provides the logic used within the ADMF in provisioning the LI functions considering those points.

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1 Scope

The present document provides ADMF provisioning logic for LI in association with the LI functions defined in TS 33.126 [2], TS 33.127 [3] and TS 33.128 [4].

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
 - [2] 3GPP TS 33.126: "Lawful Interception Requirements".
 - [3] 3GPP TS 33.127: "Lawful Interception (LI) Architecture and Functions".
 - [4] 3GPP TS 33.128: "Lawful Interception (LI) Protocol and Procedures".
 - [5] 3GPP TR 33.929: "Lawful Interception (LI) Implementation Guidance".
 - [6] ETSI TS 103 221-1: "Lawful Interception (LI); Internal Network Interfaces; Part 1: X1".
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3 Definitions of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the terms given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

3.2 Symbols

For the purposes of the present document, the following symbols apply:

None.

3.3 Abbreviations

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