

ETSI TS 129 519 V17.16.0 (2026-03)



TECHNICAL SPECIFICATION

**5G;
5G System;
Usage of the Unified Data Repository Service for Policy Data,
Application Data and Structured Data for Exposure;
Stage 3
(3GPP TS 29.519 version 17.16.0 Release 17)**



Reference

RTS/TSGC-0329519vhg0

Keywords

5G

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - APE 7112B
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° w061004871

Important notice

The present document can be downloaded from the
[ETSI Search & Browse Standards](#) application.

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format on [ETSI deliver](#) repository.

Users should be aware that the present document may be revised or have its status changed, this information is available in the [Milestones listing](#).

If you find errors in the present document, please send your comments to the relevant service listed under [Committee Support Staff](#).

If you find a security vulnerability in the present document, please report it through our [Coordinated Vulnerability Disclosure \(CVD\)](#) program.

Notice of disclaimer & limitation of liability

The information provided in the present deliverable is directed solely to professionals who have the appropriate degree of experience to understand and interpret its content in accordance with generally accepted engineering or other professional standard and applicable regulations.

No recommendation as to products and services or vendors is made or should be implied.

No representation or warranty is made that this deliverable is technically accurate or sufficient or conforms to any law and/or governmental rule and/or regulation and further, no representation or warranty is made of merchantability or fitness for any particular purpose or against infringement of intellectual property rights.

In no event shall ETSI be held liable for loss of profits or any other incidental or consequential damages.

Any software contained in this deliverable is provided "AS IS" with no warranties, express or implied, including but not limited to, the warranties of merchantability, fitness for a particular purpose and non-infringement of intellectual property rights and ETSI shall not be held liable in any event for any damages whatsoever (including, without limitation, damages for loss of profits, business interruption, loss of information, or any other pecuniary loss) arising out of or related to the use of or inability to use the software.

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2026.
All rights reserved.

Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The declarations pertaining to these essential IPRs, if any, are publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the [ETSI IPR online database](#).

Pursuant to the ETSI Directives including the ETSI IPR Policy, no investigation regarding the essentiality of IPRs, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. **3GPP™**, **LTE™** and **5G™** logo are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. **oneM2M™** logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners. **GSM®** and the GSM logo are trademarks registered and owned by the GSM Association.

Legal Notice

This Technical Specification (TS) has been produced by ETSI 3rd Generation Partnership Project (3GPP).

The present document may refer to technical specifications or reports using their 3GPP identities. These shall be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between 3GPP and ETSI identities can be found at [3GPP to ETSI numbering cross-referencing](#).

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

Contents

Intellectual Property Rights	2
Legal Notice	2
Modal verbs terminology.....	2
Foreword.....	9
1 Scope	10
2 References	10
3 Definitions and abbreviations.....	11
3.1 Definitions	11
3.2 Abbreviations	11
4 Overview	11
5 Usage of Nudr_DataRepository Service API for Policy Data.....	12
5.1 Introduction	12
5.2 Resources	12
5.2.1 Overview	12
5.2.2 Resource Structure.....	12
5.2.3 Resource: AccessAndMobilityPolicyData.....	18
5.2.3.1 Description	18
5.2.3.2 Resource definition	18
5.2.3.3 Resource Standard Methods.....	18
5.2.3.3.1 GET	18
5.2.4 Resource: UEPolicySet.....	19
5.2.4.1 Description	19
5.2.4.2 Resource definition	19
5.2.4.3 Resource Standard Methods.....	19
5.2.4.3.1 PUT	19
5.2.4.3.2 PATCH.....	20
5.2.4.3.3 GET	20
5.2.5 Resource: SessionManagementPolicyData.....	21
5.2.5.1 Description	21
5.2.5.2 Resource definition	21
5.2.5.3 Resource Standard Methods.....	21
5.2.5.3.1 GET	21
5.2.5.3.2 PATCH.....	22
5.2.6 Resource: UsageMonitoringInformation	23
5.2.6.1 Description	23
5.2.6.2 Resource definition	23
5.2.6.3 Resource Standard Methods.....	23
5.2.6.3.1 PUT	23
5.2.6.3.2 DELETE.....	24
5.2.6.3.3 GET	24
5.2.7 Resource: SponsorConnectivityData	25
5.2.7.1 Description	25
5.2.7.2 Resource definition	25
5.2.7.3 Resource Standard Methods.....	25
5.2.7.3.1 GET	25
5.2.8 Resource: BdtData	26
5.2.8.1 Description	26
5.2.8.2 Resource definition	26
5.2.8.3 Resource Standard Methods.....	26
5.2.8.3.1 GET	26
5.2.9 Resource: IndividualBdtData.....	27
5.2.9.1 Description	27
5.2.9.2 Resource definition	27

5.2.9.3	Resource Standard Methods.....	27
5.2.9.3.1	GET	27
5.2.9.3.2	PUT	28
5.2.9.3.3	DELETE.....	28
5.2.9.3.4	PATCH.....	29
5.2.10	Resource: PolicyDataSubscriptions	29
5.2.10.1	Description	29
5.2.10.2	Resource definition	29
5.2.10.3	Resource Standard Methods.....	30
5.2.10.3.1	POST	30
5.2.11	Resource: IndividualPolicyDataSubscription	30
5.2.11.1	Description	30
5.2.11.2	Resource definition	30
5.2.11.3	Resource Standard Methods.....	31
5.2.11.3.1	PUT	31
5.2.11.3.2	DELETE.....	31
5.2.12	Resource: OperatorSpecificData.....	32
5.2.12.1	Description	32
5.2.12.2	Resource Definition	32
5.2.12.3	Resource Standard Methods.....	32
5.2.12.3.1	GET	32
5.2.12.3.2	PATCH.....	33
5.2.12.3.3	PUT	33
5.2.12.3.4	DELETE.....	34
5.2.13	Resource: PlmnUePolicySet	35
5.2.13.1	Description	35
5.2.13.2	Resource definition	35
5.2.13.3	Resource Standard Methods.....	35
5.2.13.3.1	GET	35
5.2.14	Resource: PolicyDataForIndividualUe	35
5.2.14.1	Description	35
5.2.14.2	Resource definition	35
5.2.14.3	Resource Standard Methods.....	36
5.2.14.3.1	GET	36
5.2.15	Resource: SlicePolicyControlData.....	36
5.2.15.1	Description	36
5.2.15.2	Resource definition	36
5.2.15.3	Resource Standard Methods.....	37
5.2.15.3.1	GET	37
5.2.15.3.2	PATCH.....	37
5.2.16	Resource: MBSSessionPolicyControlData	38
5.2.16.1	Description	38
5.2.16.2	Resource definition	38
5.2.16.3	Resource Standard Methods.....	38
5.2.16.3.1	GET	38
5.3	Notifications	39
5.3.1	General.....	39
5.3.2	Policy Data Change Notification	39
5.4	Data Model.....	39
5.4.1	General.....	39
5.4.2	Structured data types.....	43
5.4.2.1	Introduction.....	43
5.4.2.2	Type AmPolicyData.....	44
5.4.2.3	Type UePolicySection.....	44
5.4.2.4	Type UePolicySet	45
5.4.2.5	Type SmPolicyData	46
5.4.2.6	Type UsageMonDataLimit.....	47
5.4.2.7	Type UsageMonData	48
5.4.2.8	Type SponsorConnectivityData	48
5.4.2.9	Type BdtData	49
5.4.2.10	Type PolicyDataSubscription.....	50
5.4.2.11	Type PolicyDataChangeNotification	53

5.4.2.12	Type TimePeriod.....	55
5.4.2.13	Type UsageMonDataScope.....	55
5.4.2.14	Type SmPolicySnssaiData.....	56
5.4.2.15	Type SmPolicyDnnData.....	57
5.4.2.16	Type LimitIdToMonitoringKey.....	59
5.4.2.17	Type UePolicySetPatch.....	60
5.4.2.18	Type PlmnRouteSelectionDescriptor.....	60
5.4.2.19	Type SnssaiRouteSelectionDescriptor.....	60
5.4.2.20	Type DnnRouteSelectionDescriptor.....	60
5.4.2.21	Type SmPolicyDataPatch.....	61
5.4.2.22	Type SmPolicySnssaiDataPatch.....	61
5.4.2.23	Type SmPolicyDnnDataPatch.....	61
5.4.2.24	Type ResourceItem.....	61
5.4.2.25	Type NotificationItem.....	62
5.4.2.26	Type UpdatedItem.....	62
5.4.2.27	Type BdtDataPatch.....	62
5.4.2.28	Type PolicyDataForIndividualUe.....	62
5.4.2.29	Type SlicePolicyData.....	63
5.4.2.31	Type MbsSessPolCtrlData.....	64
5.4.2.32	Type MbsSessPolDataId.....	64
5.4.3	Simple data types and enumerations.....	64
5.4.3.1	Introduction.....	64
5.4.3.2	Simple data types.....	64
5.4.3.3	Enumeration: UsageMonLevel.....	65
5.4.3.4	Enumeration: Periodicity.....	65
5.4.3.5	Enumeration: BdtPolicyStatus.....	65
5.5	Error handling.....	66
5.5.1	General.....	66
5.5.2	Protocol Errors.....	66
5.5.3	Application Errors.....	66
5.6	Feature negotiation.....	66
6	Usage of Nudr_DataRepository Service API for Application Data.....	67
6.1	Introduction.....	67
6.2	Resources.....	67
6.2.1	Overview.....	67
6.2.2	Resource Structure.....	67
6.2.3	Resource: PFD Data.....	73
6.2.3.1	Description.....	73
6.2.3.2	Resource definition.....	73
6.2.3.3	Resource Standard Methods.....	73
6.2.3.3.1	GET.....	73
6.2.4	Resource: Individual PFD Data.....	74
6.2.4.1	Description.....	74
6.2.4.2	Resource definition.....	74
6.2.4.3	Resource Standard Methods.....	74
6.2.4.3.1	GET.....	74
6.2.4.3.2	DELETE.....	74
6.2.4.3.3	PUT.....	75
6.2.5	Resource: Influence Data.....	76
6.2.5.1	Description.....	76
6.2.5.2	Resource definition.....	76
6.2.5.3	Resource Standard Methods.....	76
6.2.5.3.1	GET.....	76
6.2.6	Resource: Individual Influence Data.....	77
6.2.6.1	Description.....	77
6.2.6.2	Resource definition.....	77
6.2.6.3	Resource Standard Methods.....	77
6.2.6.3.1	PUT.....	77
6.2.6.3.2	PATCH.....	78
6.2.6.3.3	DELETE.....	78
6.2.7	Resource: Influence Data Subscription.....	79

6.2.7.1	Description	79
6.2.7.2	Resource definition	79
6.2.7.3	Resource Standard Methods.....	79
6.2.7.3.1	POST	79
6.2.7.3.2	GET	80
6.2.8	Resource: Individual Influence Data Subscription	80
6.2.8.1	Description	80
6.2.8.2	Resource definition	81
6.2.8.3	Resource Standard Methods.....	81
6.2.8.3.1	GET	81
6.2.8.3.2	PUT	81
6.2.8.3.3	DELETE	82
6.2.9	Resource: Applied BDT Policy Data	82
6.2.9.1	Description	82
6.2.9.2	Resource definition	82
6.2.9.3	Resource Standard Methods.....	83
6.2.9.3.1	GET	83
6.2.10	Resource: Individual Applied BDT Policy Data.....	83
6.2.10.1	Description	83
6.2.10.2	Resource definition	84
6.2.10.3	Resource Standard Methods.....	84
6.2.10.3.1	PUT	84
6.2.10.3.2	PATCH	84
6.2.10.3.3	DELETE	85
6.2.11	Resource: IPTV Configurations.....	85
6.2.11.1	Description	85
6.2.11.2	Resource definition	86
6.2.11.3	Resource Standard Methods.....	86
6.2.11.3.1	GET	86
6.2.12	Resource: Individual IPTV Configuration.....	87
6.2.12.1	Description	87
6.2.12.2	Resource definition	87
6.2.12.3	Resource Standard Methods.....	87
6.2.12.3.1	PUT	87
6.2.12.3.2	DELETE	88
6.2.12.3.3	PATCH.....	88
6.2.13	Resource: ApplicationDataSubscriptions	89
6.2.13.1	Description	89
6.2.13.2	Resource definition	89
6.2.13.3	Resource Standard Methods.....	89
6.2.13.3.1	POST	89
6.2.13.3.2	GET	90
6.2.14	Resource: IndividualApplicationDataSubscription.....	91
6.2.14.1	Description	91
6.2.14.2	Resource definition	91
6.2.14.3	Resource Standard Methods.....	91
6.2.14.3.1	PUT	91
6.2.14.3.2	DELETE	91
6.2.14.3.3	GET	92
6.2.15	Resource: Service Parameter Data.....	92
6.2.15.1	Description	92
6.2.15.2	Resource definition	92
6.2.15.3	Resource Standard Methods.....	93
6.2.15.3.1	GET	93
6.2.16	Resource: Individual Service Parameter Data.....	94
6.2.16.1	Description	94
6.2.16.2	Resource definition	94
6.2.16.3	Resource Standard Methods.....	95
6.2.16.3.1	PUT	95
6.2.16.3.2	PATCH.....	95
6.2.16.3.3	DELETE	96
6.2.17	Resource: AM Influence Data	96

6.2.17.1	Description	96
6.2.17.2	Resource definition	96
6.2.17.3	Resource Standard Methods.....	97
6.2.17.3.1	GET	97
6.2.18	Resource: Individual AM Influence Data	98
6.2.18.1	Description	98
6.2.18.2	Resource definition	98
6.2.18.3	Resource Standard Methods.....	98
6.2.18.3.1	PUT	98
6.2.18.3.2	PATCH.....	99
6.2.18.3.3	DELETE.....	99
6.2.19	Resource: EAS Deployment Information Data.....	100
6.2.19.1	Description	100
6.2.19.2	Resource definition	100
6.2.19.3	Resource Standard Methods.....	100
6.2.19.3.1	GET	100
6.2.20	Resource: Individual EAS Deployment Information Data	101
6.2.20.1	Description	101
6.2.20.2	Resource definition	101
6.2.20.3	Resource Standard Methods.....	101
6.2.20.3.1	GET	101
6.2.20.3.2	PUT	102
6.2.20.3.3	DELETE.....	102
6.3	Notifications	103
6.3.1	General.....	103
6.3.2	Void	103
6.3.3	Influence Data Update Notification	103
6.3.3.1	Description	103
6.3.3.2	Operation Definition	103
6.3.4	Application Data Change Notification.....	104
6.4	Data Model.....	104
6.4.1	General.....	104
6.4.2	Structured data types.....	108
6.4.2.1	Introduction.....	108
6.4.2.2	Type TrafficInfluData	109
6.4.2.5	Void.....	116
6.4.2.6	Type: PfdDataForAppExt	116
6.4.2.7	Type BdtPolicyData	116
6.4.2.9	Type IptvConfigData	117
6.4.2.10	Type ApplicationDataSubs	118
6.4.2.11	Type ApplicationDataChangeNotif.....	119
6.4.2.12	Type DataFilter	120
6.4.2.13	Void.....	123
6.4.2.14	Type TrafficInfluDataNotif.....	123
6.4.2.15	Type ServiceParameterData	124
6.4.2.15A	Type ServiceParameterDataPatch	127
6.4.2.16	Type AmInfluData	128
6.4.2.17	Type AmInfluDataPatch	129
6.4.3	Simple data types and enumerations	129
6.4.3.1	Introduction.....	129
6.4.3.2	Simple data types	129
6.4.3.3	Enumeration: DataInd	129
6.5	Error handling	130
6.5.1	General.....	130
6.5.2	Protocol Errors.....	130
6.5.3	Application Errors	130
6.6	Feature negotiation	130
7	Usage of Nudr_DataRepository Service API for Structured Data for Exposure.....	130
7.1	Introduction	130
7.2	Resources	130
7.2.1	Overview	130

7.2.2	Resource Structure	131
7.2.3	Resource: AccessAndMobilityData	132
7.2.3.1	Description	132
7.2.3.2	Resource definition	132
7.2.3.3	Resource Standard Methods	132
7.2.3.3.1	PUT	132
7.2.3.3.2	GET	133
7.2.3.3.3	DELETE	133
7.2.3.3.4	PATCH	134
7.2.4	Resource: PduSessionManagementData	134
7.2.4.1	Description	134
7.2.4.2	Resource definition	134
7.2.4.3	Resource Standard Methods	135
7.2.4.3.1	PUT	135
7.2.4.3.2	GET	135
7.2.4.3.3	DELETE	136
7.2.5	Resource: ExposureDataSubscriptions	137
7.2.5.1	Description	137
7.2.5.2	Resource Definition	137
7.2.5.3	Resource Standard Methods	137
7.2.5.3.1	POST	137
7.2.6	Resource: IndividualExposureDataSubscription	138
7.2.6.1	Description	138
7.2.6.2	Resource Definition	138
7.2.6.3	Resource Standard Methods	138
7.2.6.3.1	PUT	138
7.2.6.3.2	DELETE	138
7.3	Data Model	139
7.3.1	General	139
7.3.2	Structured data types	140
7.3.2.1	Introduction	140
7.3.2.2	Type AccessAndMobilityData	141
7.3.2.3	Type PduSessionManagementData	142
7.3.2.4	Type ExposureDataSubscription	143
7.3.2.5	Type ExposureDataChangeNotification	143
7.3.3	Simple data types and enumerations	143
7.3.3.1	Introduction	143
7.3.3.2	Simple data types	144
7.3.3.3	Enumeration: PduSessionStatus	144
7.4	Error handling	144
7.4.1	General	144
7.4.2	Protocol Errors	144
7.4.3	Application Errors	144
7.5	Feature negotiation	144
7.6	Notifications	145
7.6.1	General	145
7.6.2	Exposure Data Change Notification	145
Annex A (normative): OpenAPI specification		146
A.1	General	146
A.2	Nudr_DataRepository API for Policy Data	146
A.3	Nudr_DataRepository API for Application Data	177
A.4	Nudr_DataRepository API for Exposure Data	220
Annex B (informative): Change history		232
History		238

Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

Sample Document

get full document from standards.iteh.ai

1 Scope

The present specification provides the stage 3 definition for the usage of the Unified Data Repository service (Nudr_DataRepository) of 5G System for Policy Data, Application Data and Structured Data for Exposure.

The Unified Data Repository (UDR) provides the Unified Data Repository service. This service provides a repository for policy data, application data and exposure data.

The stage 3 protocol definition for Nudr Service Based Interface which is common for subscription data, policy data, application data and exposure data is specified in 3GPP TS 29.504 [6].

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.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] Void.
- [3] OpenAPI: "OpenAPI Specification Version 3.0.0", <https://spec.openapis.org/oas/v3.0.0>.
- [4] 3GPP TS 29.500: "5G System; Technical Realization of Service Based Architecture; Stage 3".
- [5] 3GPP TS 29.501: "5G System; Principles and Guidelines for Services Definition; Stage 3".
- [6] 3GPP TS 29.504: "5G System; Unified Data Repository Services; Stage 3".
- [7] 3GPP TS 29.571: "5G System; Common Data Types for Service Based Interfaces Stage 3".
- [8] 3GPP TS 29.551: "5G System; Packet Flow Description Management Service; Stage 3".
- [9] 3GPP TS 29.122: "T8 reference point for Northbound APIs".
- [10] 3GPP TS 29.518: "5G System; Access and Mobility Management Services; Stage 3".
- [11] 3GPP TS 24.501: "Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3".
- [12] 3GPP TS 29.512: "5G System; Session Management Policy Control Service; Stage 3".
- [13] 3GPP TS 29.554: "5G System; Background Data Transfer Policy Control Service; Stage 3".
- [14] Void.
- [15] 3GPP TS 29.505: "5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3".
- [16] 3GPP TS 29.514: "5G System; Policy Authorization Service; Stage 3".
- [17] IETF RFC 4122: "A Universally Unique Identifier (UUID) URN Namespace".
- [18] 3GPP TR 21.900: "Technical Specification Group working methods".
- [19] 3GPP TS 29.522: "5G System; Network Exposure Function Northbound APIs; Stage 3".

- [20] IETF RFC 6901: "JavaScript Object Notation (JSON) Pointer".
- [21] IETF RFC 7230: "Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing".
- [22] 3GPP TS 29.534: "5G System; Access and Mobility Policy Authorization Service; Stage 3".
- [23] 3GPP TS 29.591: "5G System; Network Exposure Function Southbound Services; Stage 3".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP 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 3GPP TR 21.905 [1].

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

AM	Access and Mobility Management
ATSSS	Access Traffic Steering, Switching, Splitting
BDT	Background Data Transfer
DNAI	DN Access Identifier
DNN	Data Network Name
GPSI	Generic Public Subscription Identifier
JSON	JavaScript Object Notation
MA	Multi Access
NEF	Network Exposure Function
NR	New Radio
NRF	Network Repository Function
PCF	Policy Control Function
PFD	Packet Flow Description
PSA	PDU Session Anchor
SM	Session Management
S-NSSAI	Single Network Slice Selection Assistance Information
SUPI	Subscription Permanent Identifier
UDR	Unified Data Repository
UPSI	UE Policy Section Identifier
URSP	UE Route Selection Policy

4 Overview

The resources, data model and usage defined in the present document are used by the 5GC NFs (e.g. PCF, NEF) to access the policy data, application data or exposure data via the Unified Data Repository services as specified in 3GPP TS 29.504 [6].

5 Usage of Nudr_DataRepository Service API for Policy Data

5.1 Introduction

The following clauses specify the usage of Nudr_DataRepository service for policy data. The principles specified in 3GPP TS 29.504 [6] are followed unless explicitly specified otherwise in the following clauses.

5.2 Resources

5.2.1 Overview

This clause specifies the resources for the usage of the Unified Data Repository service for Policy Data.

5.2.2 Resource Structure

This clause describes the structure for the Resource URIs and the resources and methods used for the service.

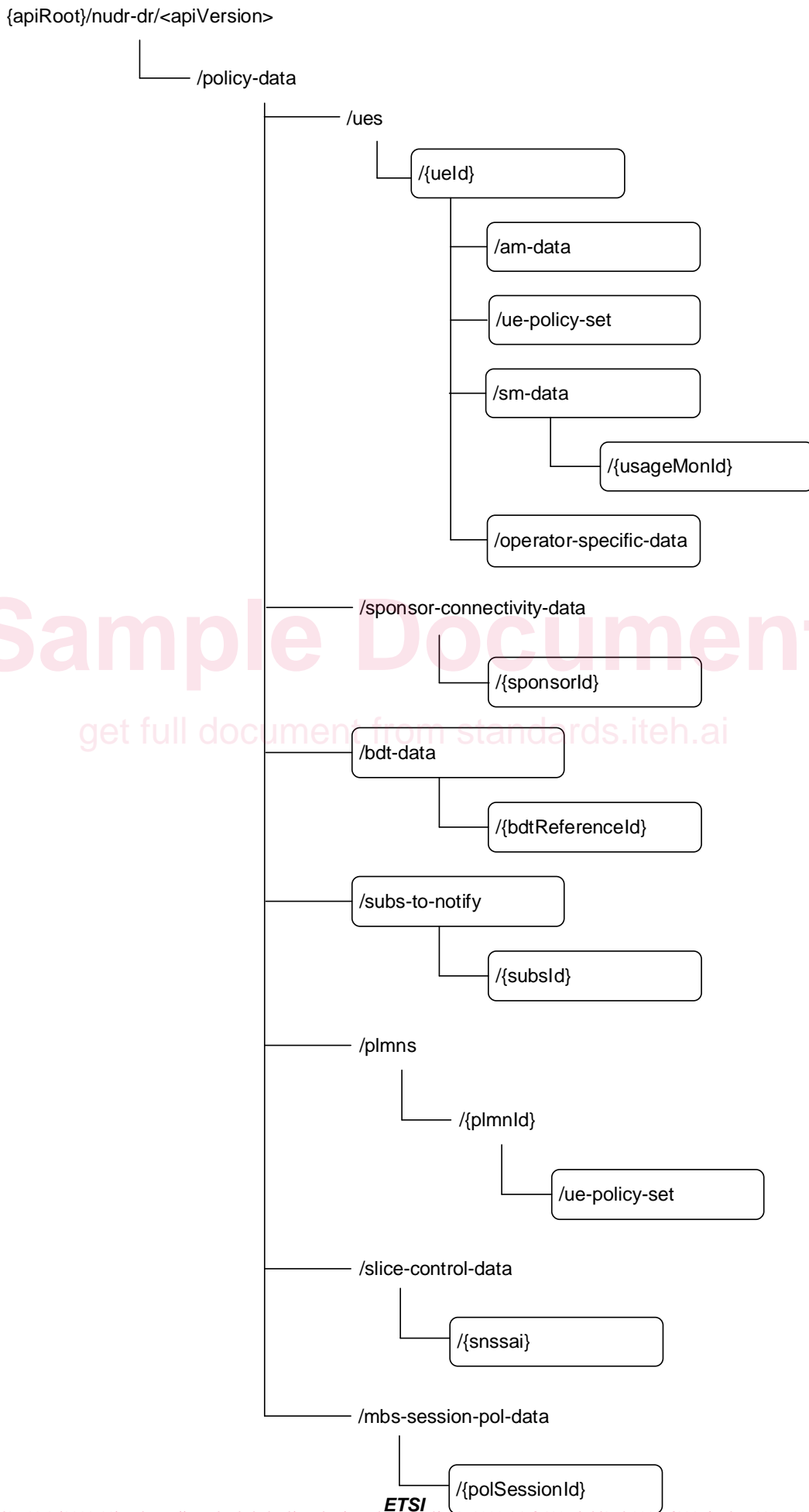
Figure 5.2.2-1 depicts the resource URIs structure for the Nudr_DataRepository API for policy data.

Sample Document

get full document from standards.iteh.ai

Sample Document

get full document from standards.iteh.ai



Sample Document
get full document from standards.iteh.ai