

# ETSI TS 124 105 V18.0.0 (2024-05)



**Universal Mobile Telecommunications System (UMTS);  
LTE;**

**Application specific Congestion control for Data  
Communication (ACDC) Management Object (MO)  
(3GPP TS 24.105 version 18.0.0 Release 18)**



---

Reference

RTS/TSGC-0124105vi00

---

Keywords

LTE,UMTS

***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:  
<https://www.etsi.org/standards-search>

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 at [www.etsi.org/deliver](https://www.etsi.org/deliver).

Users of the present document should be aware that the document may be subject to revision or change of status.

Information on the current status of this and other ETSI documents is available at  
<https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

If you find errors in the present document, please send your comment to one of the following services:  
<https://portal.etsi.org/People/CommitteeSupportStaff.aspx>

If you find a security vulnerability in the present document, please report it through our  
Coordinated Vulnerability Disclosure Program:  
<https://www.etsi.org/standards/coordinated-vulnerability-disclosure>

---

***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 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.

---

# 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 Web server (<https://ipr.etsi.org/>).

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™** and **LTE™** 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 under <https://webapp.etsi.org/key/queryform.asp>.

---

# 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.....	4
1    Scope .....	5
2    References .....	5
3    Definitions and abbreviations.....	5
3.1    Definitions .....	5
3.2    Abbreviations .....	5
4    ACDC MO .....	6
5    ACDC MO parameters .....	6
5.1    General .....	6
5.2    Node: <X> .....	6
5.3    <X>/Name .....	7
5.4    ACDC.....	7
5.4.1    <X>/ACDC .....	7
5.4.2    <X>/ACDC/<X> .....	7
5.4.3    <X>/ACDC/<X>/ACDCCConf .....	7
5.4.4    <X>/ACDC/<X>/ACDCCConf/<X> .....	7
5.4.5    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo.....	8
5.4.6    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X> .....	8
5.4.7    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID .....	8
5.4.8    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X> .....	8
5.4.9    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSId .....	8
5.4.10    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps .....	9
5.4.11    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps/<X> .....	9
5.4.12    <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps/<X>/OSAppId .....	9
5.4.13    <X>/ACDC/<X>/ACDCCConf/<X>/ACDCCCategory.....	9
5.5    <X>/Ext .....	10
<b>Annex A (informative):     ACDC MO DDF.....</b>	<b>11</b>
<b>Annex B (informative):     Change history .....</b>	<b>16</b>
History .....	17

---

## Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> 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.

---

## 1 Scope

The present document defines Management Object (MO) that is used to configure the UE with parameters related to Application specific Congestion control for Data Communication (ACDC) functionality.

The MO is compatible with the OMA Device Management (DM) protocol specifications, version 1.2 and upwards, and is defined using the OMA DM Device Description Framework (DDF) as described in the Enabler Release Definition OMA-ERELD-DM-V1\_2 [3].

The MO consists of relevant parameters for provisioning of ACDC at a UE.

---

## 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] 3GPP TS 22.011: "Service accessibility".
- [3] OMA-ERELD-DM-V1\_2: "Enabler Release Definition for OMA Device Management".
- [4] 3GPP TS 23.003: "Numbering, addressing and identification".
- [5] 3GPP TS 31.102: "Characteristics of the USIM Application".
- [6] IETF RFC 3629 (November 2003): "UTF-8, a transformation format of ISO 10646".
- [7] IETF RFC 4122 (July 2005): "A Universally Unique IDentifier (UUID) URN Namespace".
- [8] "Unicode 5.1.0, Unicode Standard Annex #15; Unicode Normalization Forms", March 2008.  
<http://www.unicode.org>

---

## 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].

ACDC	Application specific Congestion control for Data Communication
------	--

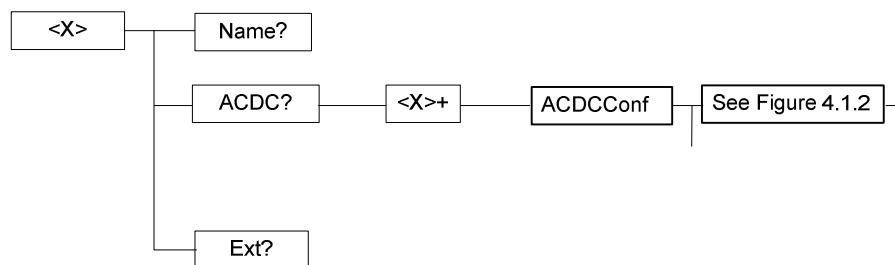
## 4 ACDC MO

The ACDC MO is used to manage configuration parameters related to ACDC functionality for a UE supporting provisioning of such information. The presence and format of the ACDC configuration file on the USIM is specified in 3GPP TS 31.102 [5].

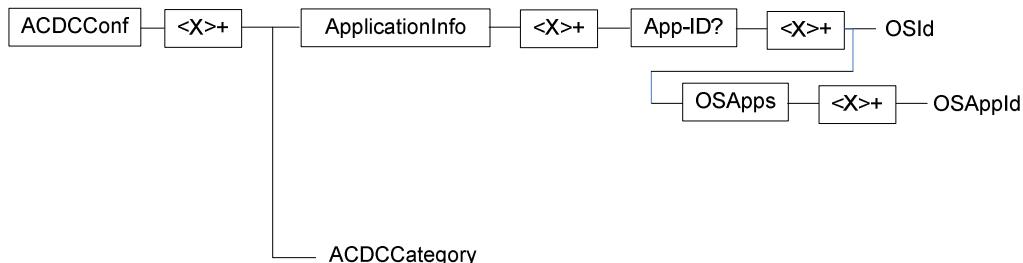
The MO identifier is: urn:oma:mo:ext-3gpp-ACDC-config:1.0.

The OMA DM Access Control List (ACL) property mechanism (see OMA-ERELD-DM-V1\_2 [3]) may be used to grant or deny access rights to OMA DM servers in order to modify nodes and leaf objects of the ACDC MO.

The following nodes and leaf objects are possible in the ACDC MO as described in figure 4.1.1 through figure 4.1.2:



**Figure 4.1.1: The ACDC Management Object**



**Figure 4.1.2: The ACDC Configuration**

## 5 ACDC MO parameters

### 5.1 General

This clause describes the parameters for the ACDC MO.

### 5.2 Node: <X>

This interior node acts as a placeholder for zero or one accounts for a fixed node.

- Occurrence: ZeroOrOne
- Format: node
- Access Types: Get
- Values: <N/A>

## 5.3 <X>/Name

The Name leaf is a name for the ACDC MO settings.

- Occurrence: ZeroOrOne
- Format: chr
- Access Types: Get
- Values: <User displayable name>

The User displayable name shall be represented by Unicode characters encoded as UTF-8 as specified in IETF RFC 3629 [6] and formatted using Normalization Form KC (NFKC) as specified in Unicode Standard Annex #15; Unicode Normalization Forms [8].

## 5.4 ACDC

### 5.4.1 <X>/ACDC

The ACDC node acts as a placeholder for ACDC information.

- Occurrence: ZeroOrOne
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

### 5.4.2 <X>/ACDC/<X>

This interior node acts as a placeholder for one or more ACDC policies.

- Occurrence: OneOrMore
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

### 5.4.3 <X>/ACDC/<X>/ACDCCConf

The ACDCCConf node indicates a particular ACDC configuration parameter.

- Occurrence: One
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

### 5.4.4 <X>/ACDC/<X>/ACDCCConf/<X>

This interior node acts as a placeholder for one or more ACDC configuration parameter.

- Occurrence: OneOrMore
- Format: node

- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.5 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo

The ApplicationInfo node indicates a particular application information.

- Occurrence: One
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.6 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>

This interior node acts as a placeholder for one or more ApplicationInfo.

- Occurrence: OneOrMore
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.7 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID

This interior node acts as a placeholder for an ApplicationInfo based on an applicationID.

- Occurrence: ZeroOrOne
- Format: node
- Access Types: Get, Replace
- Values: N/A

#### 5.4.8 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>

This interior node acts as a placeholder for one or more combinations of OSId and OSAppId values.

- Occurrence: OneOrMore
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.9 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSId

The OSId leaf indicates an operating system identifier.

- Occurrence: One
- Format: chr
- Access Types: Get, Replace

- Values: <operating system identifier>

The format of the operating system identifier is a Universally Unique Identifier (UUID) as specified in IETF RFC 4122 [7].

#### 5.4.10 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps

This interior node acts as a placeholder for the list of OS specific application identifiers.

- Occurrence: One
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.11 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps/<X>

This interior node acts as a placeholder for an OS specific application identifiers.

- Occurrence: OneOrMore
- Format: node
- Access Types: Get, Replace
- Values: <N/A>

#### 5.4.12 <X>/ACDC/<X>/ACDCCConf/<X>/ApplicationInfo/<X>/App-ID/<X>/OSApps/<X>/OSAppId

The OSAppId leaf indicates an OS specific application identifier.

- Occurrence: One
- Format: chr
- Access Types: Get, Replace
- Values: <OS specific application identifier>

Further definition of the format of the OS specific application identifier is beyond the scope of this specification.

#### 5.4.13 <X>/ACDC/<X>/ACDCCConf/<X>/ACDCCCategory

The ACDCCategory leaf represents indicates the ACDC category for which applications matching the ApplicationInfo belongs.

- Occurrence: One
- Format: int
- Access Types: Get, Replace
- Values: <ACDC category>

The ACDC category indicates the category to which the identified application belongs. Table 5.4.13 gives the decode of the ACDC category. The highest ranked ACDC category means the ACDC category with the lowest value and a UE treats applications assigned to the highest ranked ACDC category as the least restriction to access attempts. The lowest

ranked ACDC category means the ACDC category with the highest value and a UE treats applications assigned to the lowest ranked ACDC category as the most restriction to access attempts.

**Table 5.4.13: Values of ACDC category**

Value	Description
0	Reserved
1	Highest ranked ACDC category value
2-15	ACDC category value indicating descending order of ranking
16	Lowest ranked ACDC category value

## 5.5 <X>/Ext

The Ext is an interior node for where the vendor specific information about the NAS configuration MO is being placed (vendor meaning application vendor, device vendor etc.). Usually the vendor extension is identified by vendor specific name under the ext node. The tree structure under the vendor identifier is not defined and can therefore include one or more un-standardized sub-trees.

- Occurrence: ZeroOrOne
- Format: node
- Access Types: Get
- Values: N/A

## Annex A (informative): ACDC MO DDF

This DDF is the standardized minimal set. A vendor can define its own DDF for the complete device. This DDF can include more features than this minimal standardized version.

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE MgmtTree PUBLIC "-//OMA//DTD-DM-DDF 1.2//EN"
"http://www.openmobilealliance.org/tech/DTD/dm_ddf-v1_2.dtd">

<MgmtTree>
  <VerDTD>1.2</VerDTD>
  <Man>--The device manufacturer--</Man>
  <Mod>--The device model--</Mod>

  <Node>
    <NodeName>ACDC</NodeName>
    <DFProperties>
      <AccessType>
        <Get/>
      </AccessType>
      <Description>ACDC settings</Description>
      <DFFormat>
        <node/>
      </DFFormat>
      <Occurrence>
        <ZeroOrOne/>
      </Occurrence>
      <DFTitle>The ACDC Management Object.</DFTitle>
      <DFType>
        <DDFName>urn:oma:mo:ext-3gpp-ACDC-config:1.0<DDFName/>
      </DFType>
    </DFProperties>
  </Node>

  <Node>
    <NodeName>Name</NodeName>
    <DFProperties>
      <AccessType>
        <Get/>
      </AccessType>
      <DFFormat>
        <chr/>
      </DFFormat>
      <Occurrence>
        <ZeroOrOne/>
      </Occurrence>
      <DFTitle>User displayable name for the node.</DFTitle>
      <DFType>
        < MIME>text/plain</ MIME>
      </DFType>
    </DFProperties>
  </Node>

  <Node>
    <NodeName>ACDC</NodeName>
    <!-- The ACDC node starts here. -->
    <DFProperties>
      <AccessType>
        <Get/>
        <Replace/>
      </AccessType>
      <DFFormat>
        <node/>
      </DFFormat>
      <Occurrence>
        <ZeroOrOne/>
      </Occurrence>
      <DFTitle>ACDC information for access control.</DFTitle>
      <DFType>
        <DDFName/>
      </DFType>
    </DFProperties>
  </Node>

  <Node>
    <NodeName></NodeName>

```

```

<DFProperties>
  <AccessType>
    <Get/>
    <Replace/>
  </AccessType>
  <DFFormat>
    <node/>
  </DFFormat>
  <Occurrence>
    <OneOrMore/>
  </Occurrence>
  <DFType>
    <DDFName></DDFName>
  </DFType>
</DFProperties>

<Node>
  <NodeName>ACDCConf</NodeName>
  <DFProperties>
    <AccessType>
      <Get/>
      <Replace/>
    </AccessType>
    <DFFormat>
      <node/>
    </DFFormat>
    <Occurrence>
      <One/>
    </Occurrence>
    <DFTitle>ACDC configuration parameter.</DFTitle>
    <DFType>
      < MIME>text/plain</ MIME>
    </DFType>
  </DFProperties>

  <Node>
    <NodeName></NodeName>
    <DFProperties>
      <AccessType>
        <Get/>
        <Replace/>
      </AccessType>
      <DFFormat>
        <node/>
      </DFFormat>
      <Occurrence>
        <OneOrMore/>
      </Occurrence>
      <DFType>
        <DDFName></DDFName>
      </DFType>
    </DFProperties>

    <Node>
      <NodeName>ApplicationInfo</NodeName>
      <DFProperties>
        <AccessType>
          <Get/>
          <Replace/>
        </AccessType>
        <DFFormat>
          <node/>
        </DFFormat>
        <Occurrence>
          <One/>
        </Occurrence>
        <DFTitle>Application information.</DFTitle>
        <DFType>
          < MIME>text/plain</ MIME>
        </DFType>
      </DFProperties>

      <Node>
        <NodeName></NodeName>
        <DFProperties>
          <AccessType>
            <Get/>
            <Replace/>

```

```

</AccessType>
<DFFormat>
    <node/>
</DFFormat>
<Occurrence>
    <OneOrMore/>
</Occurrence>
<DFType>
    <DDFName></DDFName>
</DFType>
</DFProperties>

<Node>
    <NodeName>App-ID</NodeName>
    <!-- The application ID. -->
    <DFProperties>
        <AccessType>
            <Get/>
            <Replace/>
        </AccessType>
        <DFFormat>
            <node/>
        </DFFormat>
        <Occurrence>
            <ZeroOrOne/>
        </Occurrence>
        <DFTitle>application identifier</DFTitle>
        <DFType>
            <DDFName/>
        </DFType>
    </DFProperties>

    <Node>
        <NodeName></NodeName>
        <DFProperties>
            <AccessType>
                <Get/>
                <Replace/>
            </AccessType>
            <DFFormat>
                <node/>
            </DFFormat>
            <Occurrence>
                <OneOrMore/>
            </Occurrence>
            <DFType>
                <DDFName></DDFName>
            </DFType>
        </DFProperties>

        <Node>
            <NodeName>OSId</NodeName>
            <DFProperties>
                <AccessType>
                    <Get/>
                    <Replace/>
                </AccessType>
                <DFFormat>
                    <chr/>
                </DFFormat>
                <Occurrence>
                    <One/>
                </Occurrence>
                <DFTitle>Operating system identifier</DFTitle>
                <DFType>
                    < MIME>text/plain</ MIME>
                </DFType>
            </DFProperties>
        </Node>

        <Node>
            <NodeName>OSApps</NodeName>
            <DFProperties>
                <AccessType>
                    <Get/>
                    <Replace/>
                </AccessType>
                <DFFormat>

```

```

        <node/>
    </DFFormat>
    <Occurrence>
        <One/>
    </Occurrence>
    <DFTitle>OS specific applications</DFTitle>
    <DFType>
        <DDFName/>
    </DFType>
</DFProperties>

<Node>
    <NodeName></NodeName>
    <DFProperties>
        <AccessType>
            <Get/>
            <Replace/>
        </AccessType>
        <DFFormat>
            <node/>
        </DFFormat>
        <Occurrence>
            <OneOrMore/>
        </Occurrence>
        <DFType>
            <DDFName></DDFName>
        </DFType>
    </DFProperties>

    <Node>
        <NodeName>OSAppId</NodeName>
        <DFProperties>
            <AccessType>
                <Get/>
                <Replace/>
            </AccessType>
            <DFFormat>
                <chr/>
            </DFFormat>
            <Occurrence>
                <One/>
            </Occurrence>
            <DFTitle>OS specific app ID</DFTitle>
            <DFType>
                <MIME>text/plain</MIME>
            </DFType>
        </DFProperties>
    </Node>
    </Node>
</Node>
</Node>
</Node>
</Node>

<Node>
    <NodeName>ACDCCategory</NodeName>
    <DFProperties>
        <AccessType>
            <Get/>
            <Replace/>
        </AccessType>
        <DFFormat>
            <int/>
        </DFFormat>
        <Occurrence>
            <One/>
        </Occurrence>
        <DFTitle>ACDC category</DFTitle>
        <DFType>
            <MIME>text/plain</MIME>
        </DFType>
    </DFProperties>
</Node>
</Node>
</Node>
</Node>
</Node>

```

```
<Node>
  <NodeName>Ext</NodeName>
  <DFProperties>
    <AccessType>
      <Get/>
    </AccessType>
    <DFFormat>
      <node/>
    </DFFormat>
    <Occurrence>
      <ZeroOrOne/>
    </Occurrence>
    <DFTitle>A collection of all extension objects.</DFTitle>
    <DFType>
      <DDFName/>
    </DFType>
  </DFProperties>
</Node>
</Node>
</MgmtTree>
```

## Annex B (informative): Change history

Change history							Old	New
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment			
2015-02					TS skeleton generated for submission at CT1#90		-	0.0.0
2015-02	CT1#90				Includes the following contribution agreed by CT1: C1-150781		0.0.0	0.1.0
2015-08	CT1#93				Implementation of the following contribution agreed by CT1: C1-152934		0.1.0	0.2.0
2015-09	CT-69	CP-150537			Version 1.0.0 created for presentation for information		0.2.0	1.0.0
2015-10	CT1#94				Implementation of the following contributions agreed by CT1: C1-153670 and C1-153671		1.0.0	1.1.0
2015-12	CT-70	CP-150732			Version 2.0.0 created for presentation for approval		1.1.0	2.0.0
2015-12	CT-70				Version 13.0.0 created after approval		2.0.0	13.0.0
2016-03	CT-71	CP-160069	0001		Removal of Editor's note on MO identifier in TS 24.105		13.0.0	13.1.0

Change history							New version
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	
2017-03	-	-	-	-	-	Update to Rel-14 version (MCC)	14.0.0
2018-06	SA-80					Update to Rel-15 version (MCC)	15.0.0
2020-07	SA-88e	-	-	-	-	Update to Rel-16 version (MCC)	16.0.0
2022-03	SA-95e	-	-	-	-	Update to Rel-17 version (MCC)	17.0.0
2024-04	-	-	-	-	-	Update to Rel-18 version (MCC)	18.0.0

---

## History

<b>Document history</b>		
V18.0.0	May 2024	Publication