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| Revision of 6.8 Identifiers | | | |
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# Abstract

This document proposes a revision to chapter 6.8 to capture all kind of identifiers.

6.8 Identifiers of functional entities  3

## Identifiers

The section defines the data types of the identifiers used in the specification. It consists of tables listing the access technology dependent identifiers, the identifiers of access technology agnostic network entities, as well as the identifiers of operational roles of IEEE 802 Access Network.

Table 1—Identifiers of access technology dependent entities

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | **Access Technology** | | | |
| **Entity** | **ID** | | **802.3** | **802.11** | **802.16** | **802.22** |
| Terminal | TE-ID | | EUI-48#2 | EUI-48#3 | EUI-48#4 | EUI-48#5 |
| Node of Attachment | NA-ID | | EUI-48#2 | EUI-48#3 | EUI-48#4 | EUI-48#5 |
| Access Network | AN-ID | | CHAR[511]#1 | CHAR[30]+ EUI-48#3 | EUI-48#4 | EUI-48#5 |

Table 2 – Identifiers of access technology agnostic entities

|  |  |  |
| --- | --- | --- |
| **Entity** | **ID** | **Type** |
| Access Router | AR-ID | EUI-48 |
| TE Controller | TEC-ID |  |
| AN Controller | ANC-ID |  |
| AR Controller | ARC-ID |  |
| Backhaul | BH-ID |  |
| Subscription Service | SS-ID | FQDN |
| Coordination and Information Service | CIS-ID |  |

Table 3 – Identifiers of operational roles

|  |  |  |
| --- | --- | --- |
| **Role** | **ID** | **Type** |
| User | User-ID | Username |
| Service Provider | SP-ID | FQDN |
| Subscription |  | NAI |
| Access Network Operator |  |  |
| IP Provider |  |  |
| Infrastructure Provider |  |  |

References:

#1) IEEE 802.1X-2010: IEEE Standard for Port-Based Network Access Control, Chapter 10

#2) IEEE 802.3-2012: IEEE Standard for Ethernet, Chapter 3

#3) IEEE 802.11-2016: IEEE Standard for Wireless LAN Medium Access Control and Physical Layer Specifications, Chapter 9

#4) IEEE 802.16-2012: IEEE Standard for Air Interface for Broadband Wireless Access Systems, Chapter 6

#5) IEEE 802.22-2011: IEEE Standard for Cognitive Wireless RAN Medium Access Control and Physical Layer Specifications: Policies and Procedures for Operation in the TV Bands, Chapter 7