Broadband Radio Access Networks (BRAN); Definition of the BRAN domain
## Contents

Intellectual Property Rights......................................................................................................................... 4  
Foreword .......................................................................................................................................................... 4  
1 Scope .......................................................................................................................................................... 5  
2 References .................................................................................................................................................. 5  
3 Definitions and abbreviations ..................................................................................................................... 5  
3.1 Definitions ............................................................................................................................................. 5  
3.2 Abbreviations ......................................................................................................................................... 5  
4 Structure of the BRAN domain .................................................................................................................. 6  
4.1 Tree Structure ....................................................................................................................................... 6  
4.2 ASN.1 Description ................................................................................................................................. 7  
History .......................................................................................................................................................... 8
Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for ETSI members and non-members, and can be found in 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 (http://www.etsi.org/ipr).

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

Foreword

This Technical Report (TR) has been produced by ETSI Project Broadband Radio Access Networks (BRAN).
1 Scope

The present document describes the structure of the BRAN domain within the common domain of the ETSI object identifier tree as defined in EG 200 351 [1].

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.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1] ETSI EG 200 351: "ETSI object identifier tree; Rules and registration procedures".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

**common domain**: set of objects, which are part of the definition of a protocol or a set of related protocols

**information object**: well-defined piece of information, definition, or specification, which requires a name in order to, identify its use in an instance of communication

**object identifier**: value (distinguishable from all other such values), which is associated with an information object

**NOTE**: An object identifier consists of a sequence of integers. Each integer represents a node in the object identifier tree. So, each successive integer can be thought of as a selection of an end of a branch of the tree. The branch is traversed to get to the next level in the tree.

3.2 Abbreviations

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

**ASN.1** Abstract Syntax Notation One
4    Structure of the BRAN domain

4.1    Tree Structure

Figure 1 represents the proposed structure for the BRAN domain. The BRAN domain is located within the common domain of ETSI.

![Diagram of the BRAN domain structure]

Figure 1: Tree Structure of BRAN domain

EP BRAN shall act as the formal registration authority for the first level of the BRAN domain.

Each area within EP BRAN is assigned an arch within the BRAN domain. Each BRAN project area administers the corresponding subtree. The following arches are defined from the start:

(0)    BRAN domain definitions
(1)    HIPERLAN Type 1
(2)    HIPERLAN Type 2
(3)    HIPERACCESS
4.2  ASN.1 Description

-- ******************************************************************************
-- * ETSI BRAN DOMAIN DEFINITIONS
-- ******************************************************************************
BranDomainDefinitions {0 4 0 4 0 version1 (1)} DEFINITIONS ::= BEGIN

-- BRAN Domain Id
branDomainId OBJECT IDENTIFIER ::= {itu-t (0) identified-organization (4) etsi (0) branDomain (4)}

-- BRAN Subdomains
etsiHiperlan1Id OBJECT IDENTIFIER ::= {branDomainId hiperlan1 (1)}
etsiHiperlan2Id OBJECT IDENTIFIER ::= {branDomainId hiperlan2 (2)}
etsiHiperaccessId OBJECT IDENTIFIER ::= {branDomainId hiperaccess (3)}

END
## History

<table>
<thead>
<tr>
<th>Document history</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1.1.1</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>