

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

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**Reference**

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## Foreword

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

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# 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].

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# 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".

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# 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

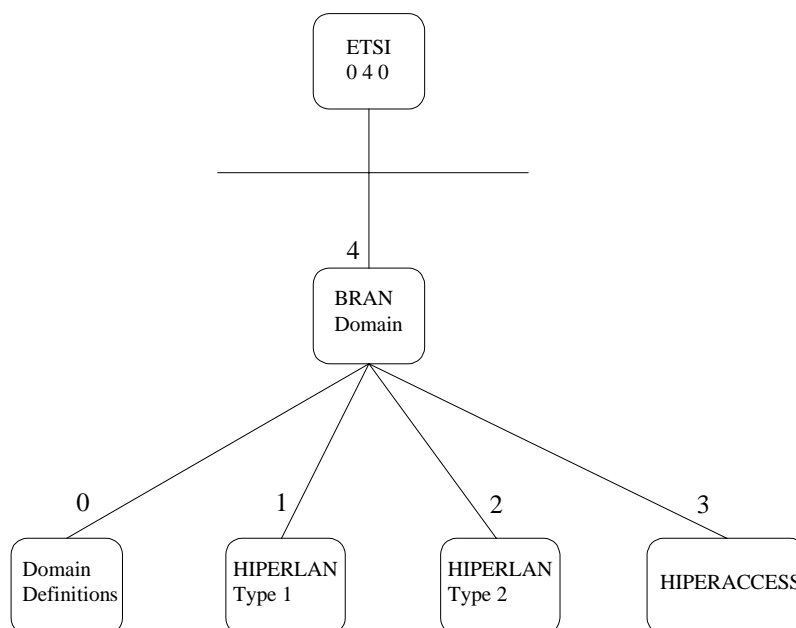
For the purposes of the present document, the following abbreviations apply:

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.



**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
```

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## History

<b>Document history</b>		
V1.1.1	June 2000	Publication