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**Information technology —  
Telecommunications and information  
exchange between systems — Local  
and metropolitan area networks —**

**Part A:**

**Overview and architecture**

**AMENDMENT 1: Allocation of Uniform  
Resource Name (URN) values in IEEE  
802® standards**

*Technologies de l'information — Télécommunications et échange  
d'information entre systèmes — Réseaux locaux et métropolitains —*

*Partie A: Présentation et architecture*

*AMENDEMENT 1: Attribution de valeurs de noms de ressources  
uniformes (URN) dans les normes IEEE 802®*



Reference number  
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**IEEE Std 802d™-2017**

(Amendment to  
IEEE Std 802®-2014)

# **IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture**

## **Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802® Standards**

Sponsor

**LAN/MAN Standards Committee  
of the  
IEEE Computer Society**

Approved 14 February 2017

**IEEE-SA Standards Board**

**Abstract:** How Uniform Resource Name (URN) values are allocated in IEEE 802® standards is described in this amendment to IEEE Std 802®-2014.

**Keywords:** IEEE 802®, Uniform Resource Name, URN

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## Introduction

This introduction is not part of IEEE Std 802d-2017, IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture—Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802® Standards.

This amendment specifies a Uniform Resource Name (URN) namespace for IEEE 802 networks. This URN is used as the root identifier for YANG data models that allow configuration and status reporting for IEEE 802 network elements. The YANG data modeling language is defined in IETF RFC 6020 [B8] and IETF RFC 7950 [B9].<sup>1</sup>

<sup>1</sup> The numbers in brackets correspond to the numbers of the bibliography in Annex A.

## Contents

|         |                                                                              |    |
|---------|------------------------------------------------------------------------------|----|
| 2.      | Normative references .....                                                   | 11 |
| 3.      | Definitions, acronyms, and abbreviations .....                               | 12 |
| 3.2     | Acronyms and abbreviations .....                                             | 12 |
| 11.     | Allocation of Uniform Resource Name (URN) values in IEEE 802 standards ..... | 13 |
| 11.1    | Introduction .....                                                           | 13 |
| 11.2    | The IEEE Namespace ID and Namespace Specific String .....                    | 13 |
| 11.3    | ResourceSpecificString values in IEEE 802 standards .....                    | 14 |
| Annex A | (informative) Bibliography .....                                             | 15 |

# IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture

## Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802<sup>®</sup> Standards

(This amendment is based on IEEE Std 802<sup>®</sup>-2014.)

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<sup>2</sup>Notes in text, tables, and figures are given for information only and do not contain requirements needed to implement the standard.

## 2. Normative references

*Insert the following references into Clause 2 in the appropriate collating sequence:*

IETF RFC 3406, Uniform Resource Names (URN) Namespace Definition Mechanisms, October 2002.<sup>3</sup>

IETF RFC 8069, URN Namespace for IEEE, February 2017.

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<sup>3</sup> IETF documents (i.e., RFCs) are available from the Internet Engineering Task Force (<http://rfc-archive.org>).

### 3. Definitions, acronyms, and abbreviations

#### 3.2 Acronyms and abbreviations

*Insert the following abbreviations into 3.2 in the appropriate collating sequence:*

|         |                                                                                                           |
|---------|-----------------------------------------------------------------------------------------------------------|
| IANA    | Internet Assigned Numbers Authority <sup>4</sup>                                                          |
| NETCONF | Network Configuration Protocol                                                                            |
| NID     | Namespace identifier                                                                                      |
| URN     | Uniform Resource Name                                                                                     |
| YANG    | The name of the data modeling language defined in IETF RFC 6020 [B8] and IETF RFC 7950 [B9]. <sup>5</sup> |

<sup>4</sup><http://www.iana.org/>.

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