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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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Phone: +41 22 749 01 11
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Email: copyright@iso.org
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Published in Switzerland

Institute of Electrical and Electronics Engineers, Inc
3 Park Avenue, New York
NY 10016-5997, USA

Email: stds.ipr@ieee.org
Website: www.ieee.org

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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

The Institute of Electrical and Electronics Engineers, Inc.
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Charles Barest	Werner Hoelzl	Bansi Patel
Christian Boiger	Yasuhiro Hyakutake	Verotiana Rabarijaona
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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].¹

¹ The numbers in brackets correspond to the numbers of the bibliography in Annex A.

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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 is based on IEEE Std 802[®]-2014.)

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²Notes 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 2002.³

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

³ 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 ⁴
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]. ⁵

⁴<http://www.iana.org/>.

⁵The numbers in brackets correspond to the numbers of the bibliography in Annex A.