INTERNATIONAL STANDARD

ISO/ IEC/IEEE 8802-1AC

First edition
2018-04

AMENDMENT 1

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

Part 1AC: Media access control (MAC) service definition

AMENDMENT 1: Support for ISO/IEC/ IEEE 8802-15-3

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

Partie 1AC: Définition du service de contrôle d'accès au support (MAC)

AMENDEMENT 1: Support pour l'ISO/IEC/IEEE 8802-15-3

Reference number
ISO/IEC/IEEE 8802-1AC:2018/Amd.1:2023(E)

Documents
Document Sharing Hub
© IEEE 2021
Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.
Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023

COPYRIGHT PROTECTED DOCUMENT

© IEEE 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from IEEE at the address below.

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

Published in Switzerland

© IEEE 2021 – All rights reserved
Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.

Documents
Document Sharing Hub

Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO/IEC documents should be noted. (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

IEEE Standards documents are developed within the IEEE Societies and the Standards Coordinating Committees of the IEEE Standards Association (IEEE-SA) Standards Board. The IEEE develops its standards through a consensus development process, approved by the American National Standards Institute, which brings together volunteers representing varied viewpoints and interests to achieve the final product. Volunteers are not necessarily members of the Institute and serve without compensation. While the IEEE administers the process and establishes rules to promote fairness in the consensus development process, the IEEE does not independently evaluate, test, or verify the accuracy of any of the information contained in its standards.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents) or the IEC list of patent declarations received (see https://patents.iec.ch).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html. In the IEC, see www.iec.ch/understanding-standards.

ISO/IEC/IEEE 8802-1AC:2018/Amd.1 was prepared by the LAN/MAN of the IEEE Computer Society (as IEEE Std 802.1ACct-2021) and drafted in accordance with its editorial rules. It was adopted, under the "fast-track procedure" defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

A list of all parts in the ISO/IEC/IEEE 8802 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

© IEEE 2021 – All rights reserved

Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.

Documents
Document Sharing Hub

Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023

Documents
Document Sharing Hub
Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.
Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023

IEEE Std 802.1ACct™-2021
(Amendment to EEE Std 802.1AC™-2016
as amended by IEEE Std 802.1AC-2016/Cor 1-2018)

IEEE Standard for Local and Metropolitan Area networks—

Media Access Control (MAC) Service Definition

Amendment 1: Support for IEEE Std 802.15.3

Developed by the

LAN/MAN Standards Committee
of the
IEEE Computer Society

Approved 8 December 2021

IEEE SA Standards Board

Documents
Document Sharing Hub

Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.

Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023

Abstract: The Internal Sublayer Service for the IEEE 802.15.3 MAC entity is defined in this amendment.

Keywords: ad-hoc network, IEEE 802.1AC, IEEE 802.15.3, Internal Sublayer Service, multi-media, wireless

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

Copyright © 2021 by The Institute of Electrical and Electronics Engineers, Inc.
All rights reserved. Published 17 December 2021. Printed in the United States of America.

IEEE and 802 are registered trademarks in the U.S. Patent & Trademark Office, owned by The Institute of Electrical and Electronics Engineers, Incorporated.

PDF: ISBN 978-1-5044-8216-5 STD25119
Print: ISBN 978-1-5044-8217-2 STDPD25119

IEEE prohibits discrimination, harassment and bullying.

For more information, visit http://www.ieee.org/web/aboutus/whatis/policies/p9-26.html.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

Documents
Document Sharing Hub

Authorized licensed use limited to: Tsinghua University. Downloaded on February 26,2026 at 07:52:51 UTC from IEEE Xplore. Restrictions apply.

Full document details: ISO/IEC/IEEE 8802-1AC:2018/Amd 1-2023