



**Environmental Engineering (EE);  
Assessment of material efficiency of  
ICT network infrastructure goods (circular economy);  
Part 3: Server and data storage product availability of  
firmware and of security updates to firmware**

[ETSI EN 303 800-3 V0.0.18 \(2024-11\)](https://standards.iteh.ai/catalog/standards/etsi/ee030d95-d7f6-4128-85b3-ca40d8606752/etsi-en-303-800-3-v0-0-18-2024-11)

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**Reference**

DEN/EE-EEPS47-3

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**Keywords**

availability, security

**ETSI**

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## Foreword

This draft European Standard (EN) has been produced by ETSI Technical Committee Environmental Engineering (EE), and is now submitted for the combined Public Enquiry and Vote phase of the ETSI EN Approval Procedure (ENAP).

The present document establishes the means for the verification of compliance with the requirements for the availability of firmware and of security updates to the firmware for servers and data storage products.

The present document is part 3 of a multi-part deliverable covering Environmental Engineering (EE); Assessment of material efficiency of ICT network infrastructure goods (circular economy), as identified below:

Part 2: "Server and data storage product secure data deletion functionality";

**Part 3: "Server and data storage product availability of firmware and of security updates to firmware";**

Part 5: "Server and data storage product disassembly and disassembly instruction".

NOTE: Part 1 and Part 4 have been cancelled as their intended content is already covered by other standards.

| Proposed national transposition dates  |                                 |
|--|---------------------------------|
| Date of latest announcement of this EN (doa):  | 3 months after ETSI publication |
| Date of latest publication of new National Standard or endorsement of this EN (dop/e): | 6 months after doa              |
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## Executive summary

The present document concerns server and data storage products, it establishes the means for the verification of compliance with the requirements for the availability of firmware and of security updates to the firmware for servers and data storage products.

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## Introduction

The present document specifies how to make available:

- a) the latest available version of the firmware; and
- b) the latest available security update to firmware,

for a period of eight years, after the placing on the market of the last product of a given product model.

The present document was developed jointly by ETSI TC EE and ITU-T Study Group 5. It is published respectively by ITU and ETSI as Recommendation ITU-T L.ME\_AF [i.5] and ETSI EN 303 800-3 (the present document), which are technically equivalent.

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# 1 Scope

The present document specifies how manufacturers of server products and online data storage products make available the latest available firmware version and the security updates to the firmware, to whom these updates are made available to and the skill levels required to install these updates.

The present document covers the servers and online data storage products.

The present document does not cover the following products:

- a) servers intended for embedded applications;
- b) servers classified as small scale servers;
- c) servers with more than four processor sockets;
- d) server appliances;
- e) large servers;
- f) fully fault tolerant servers;
- g) network servers;
- h) small data storage products;
- i) large data storage products;
- j) are used in means of transport for persons or goods [i.3].

The present document covers the latest available firmware version which are system, hardware component or peripheral programming provided with server or storage products, to provide basic instructions for hardware to function inclusive of all applicable programming and hardware updates.

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## 2 References

### 2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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