

**Environmental Engineering (EE);  
Assessment of material efficiency of ICT network  
infrastructure goods (circular economy);  
Part 2: Server and data storage product  
secure data deletion functionality  
(ETSI EN 303 800-2 V1.1.1 (2025-06))**

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# ETSI EN 303 800-2 V1.1.1 (2025-06)



**Environmental Engineering (EE);  
Assessment of material efficiency of ICT network  
infrastructure goods (circular economy);  
Part 2: Server and data storage product secure data  
deletion functionality**

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# Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Environmental Engineering (EE).

The present document is part 2 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.

| National transposition dates                                                           |                 |
|----------------------------------------------------------------------------------------|-----------------|
| Date of adoption of this EN:                                                           | 24 April 2025   |
| Date of latest announcement of this EN (doa):                                          | 31 July 2025    |
| Date of latest publication of new National Standard or endorsement of this EN (dop/e): | 31 January 2026 |
| Date of withdrawal of any conflicting National Standard (dow):                         | 31 January 2026 |

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## Introduction

The present document addresses the requirements on secure data deletion. It aims to give a valid and compliant method to assess if this specific requirement on data deletion has been met.

The present document was developed jointly by ETSI TC EE and ITU-T Study Group 5 and published by ITU and ETSI as Recommendation ITU-T L.ME\_DD [i.4] and ETSI EN 303 800-2 (the present document), which are technically equivalent.

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# 1 Scope

The present document specifies a method for the verification of compliance with the requirements on the secure data deletion functionality for:

- 1) servers; and
- 2) data storage equipment.

The present document covers demonstration of compliance with the data deletion requirements:

- instructions on how to use the functionality;
- the techniques used; and
- the supported secure data deletion standard(s), if applicable.

The following products are out of scope of the present document:

- servers intended for embedded applications;
- servers classified as small scale servers in terms of Regulation (EU) No 617/2013 [i.2];
- servers with more than four processor sockets;
- server appliances;
- large servers;
- fully fault tolerant servers;
- network servers;
- small data storage products;
- large data storage products;
- servers or data storage products which in addition are used in means of transport for persons or goods;

NOTE: See Directive 2009/125/EC [i.1].

- data storage devices that are not included in the product placed on the market by the Manufacturer, their authorized representatives or importer, and are not included in modifications or updates provided or specified by the manufacturer, their authorized representatives or importer.

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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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The following referenced documents are necessary for the application of the present document.

- [1] [IEEE 2883™-2022](#): "IEEE Standard for Sanitizing Storage".