



# PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40 Errata 01

## OASIS Approved Errata

13 May 2016

### Specification URIs

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#### Technical Committee:

OASIS PKCS 11 TC

#### Chairs:

Robert Relyea ([rrelyea@redhat.com](mailto:rrelyea@redhat.com)), Red Hat  
Valerie Fenwick ([valerie.fenwick@oracle.com](mailto:valerie.fenwick@oracle.com)), Oracle

#### Editors:

Robert Griffin ([robert.griffin@emc.com](mailto:robert.griffin@emc.com)), EMC Corporation  
Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)), Cryptsoft Pty Ltd

#### Additional artifacts:

This prose specification is one component of a Work Product that also includes:

- *PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40 Plus Errata 01*. Edited by Susan Gleeson, Chris Zimman, Robert Griffin, and Tim Hudson. 13 May 2016. OASIS Standard Incorporating Approved Errata 01. <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/errata01/os/pkcs11-hist-v2.40-errata01-os-complete.html>.

#### Related work:

This specification replaces or supersedes:

- *PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40*. Edited by Susan Gleeson and Chris Zimman. 14 April 2015. OASIS Standard. <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/os/pkcs11-hist-v2.40-os.html>.

This specification is related to:

- Normative computer language definition files for PKCS #11 v2.40:

- <http://docs.oasis-open.org/pkcs11/pkcs11-base/v2.40/errata01/os/include/pkcs11-v2.40/pkcs11.h>
- <http://docs.oasis-open.org/pkcs11/pkcs11-base/v2.40/errata01/os/include/pkcs11-v2.40/pkcs11t.h>
- <http://docs.oasis-open.org/pkcs11/pkcs11-base/v2.40/errata01/os/include/pkcs11-v2.40/pkcs11f.h>

**Abstract:**

This document contains corrections to errors and omissions in the *PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification version 2.40*, OASIS Standard.

**Status:**

This document was last revised or approved by the OASIS PKCS 11 TC on the above date. The level of approval is also listed above. Check the “Latest version” location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at [https://www.oasis-open.org/committees/tc\\_home.php?wg\\_abbrev=pkcs11#technical](https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=pkcs11#technical).

TC members should send comments on this specification to the TC’s email list. Others should send comments to the TC’s public comment list, after subscribing to it by following the instructions at the “Send A Comment” button on the TC’s web page at <https://www.oasis-open.org/committees/pkcs11/>.

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**Citation format:**

When referencing this specification the following citation format should be used:

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*PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40 Errata 01*. Edited by Robert Griffin and Tim Hudson. 13 May 2016. OASIS Approved Errata. <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/errata01/os/pkcs11-hist-v2.40-errata01-os.html>. Latest version: <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/pkcs11-hist-v2.40.html>.

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# 1 Introduction

[All text is normative unless otherwise labeled]

## 1.1 Terminology

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [\[RFC2119\]](#).

## 1.2 Normative References

- [RFC2119]** Bradner, S., “Key words for use in RFCs to Indicate Requirement Levels”, BCP 14, RFC 2119, March 1997. <http://www.ietf.org/rfc/rfc2119.txt>.
- [PKCS #11-Hist]** *PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40*. Edited by Susan Gleeson and Chris Zimman. 14 April 2015. OASIS Standard. <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/os/pkcs11-hist-v2.40-os.html>.
- [PKCS #11-Hist-Rev01]** *PKCS #11 Cryptographic Token Interface Historical Mechanisms Specification Version 2.40 Plus Errata 01*. Edited by Susan Gleeson, Chris Zimman, Robert Griffin, and Tim Hudson. 09 December 2015. OASIS Standard Incorporating Draft 01 of Errata 01. <http://docs.oasis-open.org/pkcs11/pkcs11-hist/v2.40/errata01/csd01/pkcs11-hist-v2.40-errata01-csd01-complete.html>.

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## **2 Errata for PKCS #11 Historical Mechanisms Specification v2.40 OS**

### **2.1 Removal of Manifest Constants from Appendix B**

To minimize the risk of errors, values for PKCS #11 manifest constants in **[PKCS #11-Hist-Rev01]** are specified only in the normative computer language definition files associated with that specification. The table of manifest constant definitions that was included in Appendix B of the **[PKCS #11-Hist]** is not included in **[PKCS #11-Base-Rev01]**. Corrections to errors in Appendix B of **[PKCS #11-Hist]** have been incorporated into the normative computer language definition files specified in **[PKCS #11-Hist-Rev01]**.

See the following normative computer language definition files (linked from the [“Related work”](#) section above) for the manifest constants:

- include/pkcs11-v2.40/pkcs11.h
- include/pkcs11-v2.40/pkcs11t.h
- include/pkcs11-v2.40/pkcs11f.h

### **2.2 Corrections to PKCS #11 Historical Mechanisms Specification V2.40 OS**

The following corrections have been made in **[PKCS #11-Hist-Rev01]**:

- Typographic error in section 2.7.1 of "CKM\_CAST128\_CB C" has been corrected to CKM\_CAST128\_CBC
- Typographical error in section 2.3.6 of CKM\_DEA\_DERIVE has been corrected to CKM\_KEA\_DERIVE
- Typographical error in section 2.16.2 of CKM\_RIEMD128 has been corrected to CKM\_RIPEMD128

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## 3 Conformance

PKCS #11 Implementation Conformance is defined in Section 3 of **[PKCS #11-Hist]**.

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## Appendix A. Acknowledgments

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

### Participants:

Gil Abel, Athena Smartcard Solutions, Inc.  
Warren Armstrong, QuintessenceLabs  
Jeff Bartell, Semper Fortis Solutions LLC  
Peter Bartok, Venafi, Inc.  
Anthony Berglas, Cryptsoft  
Joseph Brand, Semper Fortis Solutions LLC  
Kelley Burgin, National Security Agency  
Robert Burns, Thales e-Security  
Wan-Teh Chang, Google Inc.  
Hai-May Chao, Oracle  
Janice Cheng, Vormetric, Inc.  
Sangrae Cho, Electronics and Telecommunications Research Institute (ETRI)  
Doron Cohen, SafeNet, Inc.  
Fadi Cotran, Futurex  
Tony Cox, Cryptsoft  
Christopher Duane, EMC  
Chris Dunn, SafeNet, Inc.  
Valerie Fenwick, Oracle  
Terry Fletcher, SafeNet, Inc.  
Susan Gleeson, Oracle  
Sven Gossel, Charismathics  
John Green, QuintessenceLabs  
Robert Griffin, EMC  
Paul Grojean, Individual  
Peter Gutmann, Individual  
Dennis E. Hamilton, Individual  
Thomas Hardjono, M.I.T.  
Tim Hudson, Cryptsoft  
Gershon Janssen, Individual  
Seunghun Jin, Electronics and Telecommunications Research Institute (ETRI)  
Wang Jingman, Feitan Technologies  
Andrey Jivsov, Symantec Corp.  
Mark Joseph, P6R  
Stefan Kaesar, Infineon Technologies  
Greg Kazmierczak, Wave Systems Corp.



Mark Knight, Thales e-Security  
Darren Krahn, Google Inc.  
Alex Krasnov, Infineon Technologies AG  
Dina Kurktchi-Nimeh, Oracle  
Mark Lambiase, SecureAuth Corporation  
Lawrence Lee, GoTrust Technology Inc.  
John Leiseboer, QuintessenceLabs  
Sean Leon, Infineon Technologies  
Geoffrey Li, Infineon Technologies  
Howie Liu, Infineon Technologies  
Hal Lockhart, Oracle  
Robert Lockhart, Thales e-Security  
Dale Moberg, Axway Software  
Darren Moffat, Oracle  
Valery Osheter, SafeNet, Inc.  
Sean Parkinson, EMC  
Rob Philpott, EMC  
Mark Powers, Oracle  
Ajai Puri, SafeNet, Inc.  
Robert Relyea, Red Hat  
Saikat Saha, Oracle  
Subhash Sankuratipati, NetApp  
Anthony Scarpino, Oracle  
Johann Schoetz, Infineon Technologies AG  
Rayees Shamsuddin, Wave Systems Corp.  
Radhika Siravara, Oracle  
Brian Smith, Mozilla Corporation  
David Smith, Venafi, Inc.  
Ryan Smith, Futurex  
Jerry Smith, US Department of Defense (DoD)  
Oscar So, Oracle  
Graham Steel, Cryptosense  
Michael Stevens, QuintessenceLabs  
Michael StJohns, Individual  
Jim Susoy, P6R  
Sander Temme, Thales e-Security  
Kiran Thota, VMware, Inc.  
Walter-John Turnes, Gemini Security Solutions, Inc.  
Stef Walter, Red Hat  
James Wang, Vormetric  
Jeff Webb, Dell  
Peng Yu, Feitian Technologies

Magda Zdunkiewicz, Cryptsoft  
Chris Zimman, Individual

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## Appendix B. Revision History

Revision	Date	Editor	Changes Made
wd01	9 Dec 2015	Robert Griffin / Tim Hudson	First draft, incorporating v2.40 errata from the PKCS 11 TC wiki into template document