INTERNATIONAL STANDARD

ISO/IEC 11889-4

Second edition
2015-12-15

Information technology — Trusted Platform Module Library —

Part 4: Supporting Routines

Technologies de l'information — Bibliothèque de module de plate-forme de confiance — Partie 4: Routines de support

Reference number
ISO/IEC 11889-4:2015(E)

© ISO/IEC 2015



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, 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 either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

CONTENTS

Foreword ... xvii
Introduction ... xviii
1 Scope ... 1
2 Normative references ... 2
3 Terms and definitions ... 2
4 Symbols and abbreviated terms ... 2
5 Automation ... 2
5.1 Introduction ... 2
5.2 Configuration Parser ... 2
5.3 Structure Parser ... 3
5.3.1 Introduction ... 3
5.3.2 Unmarshaling Code Prototype ... 3
5.3.3 Marshaling Code Function Prototypes ... 5
5.4 Command Parser ... 6
5.5 Portability ... 6
6 Header Files ... 7
6.1 Introduction ... 7
6.2 BaseTypes.h ... 7
6.3 bits.h ... 8
6.4 bool.h ... 9
6.5 Capabilities.h ... 9
6.6 TPMB.h ... 9
6.7 TpmError.h ... 10
6.8 Global.h ... 10
6.8.1 Description ... 10
6.8.2 Includes ... 11
6.8.3 Defines and Types ... 11
6.8.4 Loaded Object Structures ... 12
6.8.5 AUTH_DUP Types ... 14
6.8.6 Active Session Context ... 14
6.8.7 PCR ... 16
6.8.8 Startup ... 17
6.8.9 NV ... 18
6.8.10 COMMIT_INDEX_MASK ... 19
6.8.11 RAM Global Values ... 19
6.8.12 Persistent Global Values ... 21
6.8.13 Global Macro Definitions ... 26
6.9 Private data ... 26
6.10 Tpm.h ... 31
6.11 swap.h ... 31
6.12 InternalRoutines.h ... 32
6.13 TpmBuildSwitches.h ... 33
6.14 VendorString.h ... 34
7 Main ... 36
7.1 CommandDispatcher() ... 36
7.2 ExecCommand.c ... 36
7.2.1 Introduction ... 36
7.2.2 Includes ... 36
7.2.3 ExecuteCommand() ... 36

© ISO/IEC 2015 – All rights reserved

7.3 ParseHandleBuffer() 42
7.4 SessionProcess.c 43
7.4.1 Introduction 43
7.4.2 Includes and Data Definitions 43
7.4.3 Authorization Support Functions 43
7.4.4 Session Parsing Functions 50
7.4.5 Response Session Processing 68
8 Command Support Functions 78
8.1 Introduction 78
8.2 Attestation Command Support (Attest_spt.c) 78
8.2.1 Includes 78
8.2.2 Functions 78
8.3 Context Management Command Support (Context_spt.c) 81
8.3.1 Includes 81
8.3.2 Functions 81
8.4 Policy Command Support (Policy_spt.c) 83
8.4.1 Includes 83
8.4.2 Functions 83
8.5 NV Command Support (NV_spt.c) 85
8.5.1 Includes 85
8.5.2 Functions 86
8.6 Object Command Support (Object_spt.c) 88
8.6.1 Includes 88
8.6.2 Local Functions 88
8.6.3 Public Functions 93
9 Subsystem 113
9.1 CommandAudit.c 113
9.1.1 Introduction 113
9.1.2 Includes 113
9.1.3 Functions 113
9.2 DA.c 117
9.2.1 Introduction 117
9.2.2 Includes and Data Definitions 117
9.2.3 Functions 117
9.3 Hierarchy.c 120
9.3.1 Introduction 120
9.3.2 Includes 120
9.3.3 Functions 120
9.4 NV.c 124
9.4.1 Introduction 124
9.4.2 Includes, Defines and Data Definitions 124
9.4.3 NV Utility Functions 124
9.4.4 NV Index and Persistent Object Access Functions 126
9.4.5 RAM-based NV Index Data Access Functions 130
9.4.6 Utility Functions 132
9.4.7 NV Access Functions 140
9.5 Object.c 158

 © ISO/IEC 2015 – All rights reserved

9.5.1 Introduction 158
9.5.2 Includes and Data Definitions 158
9.5.3 Functions 158
9.6 PCR.c 174
9.6.1 Introduction 174
9.6.2 Includes, Defines, and Data Definitions 174
9.6.3 Functions 174
9.7 PP.c 196
9.7.1 Introduction 196
9.7.2 Includes 196
9.7.3 Functions 196
9.8 Session.c 199
9.8.1 Introduction 199
9.8.2 Includes, Defines, and Local Variables 200
9.8.3 File Scope Function -- ContextIdSetOldest() 200
9.8.4 Startup Function -- SessionStartup() 201
9.8.5 Access Functions 202
9.8.6 Utility Functions 204
9.9 Time.c 216
9.9.1 Introduction 216
9.9.2 Includes 216
9.9.3 Functions 216
10 Support 221
10.1 AlgorithmCap.c 221
10.1.1 Description 221
10.1.2 Includes and Defines 221
10.1.3 AlgorithmCapGetImplemented() 222
10.2 Bits.c 224
10.2.1 Introduction 224
10.2.2 Includes 224
10.2.3 Functions 224
10.3 CommandAttributeData.c 225
10.4 CommandCodeAttributes.c 231
10.4.1 Introduction 231
10.4.2 Includes and Defines 231
10.4.3 Command Attribute Functions 231
10.5 DRTM.c 236
10.5.1 Description 236
10.5.2 Includes 236
10.5.3 Functions 236
10.6 Entity.c 237
10.6.1 Description 237
10.6.2 Includes 237
10.6.3 Functions 237
10.7 Global.c 243
10.7.1 Description 243
10.7.2 Includes and Defines 244
10.7.3 Global Data Values 244

© ISO/IEC 2015 – All rights reserved

10.7.4 Private Values 244
10.8 Handle.c 246
10.8.1 Description 246
10.8.2 Includes 246
10.8.3 Functions 246
10.9 Locality.c 248
10.9.1 Includes 248
10.9.2 LocalityGetAttributes() 248
10.10 Manufacture.c 248
10.10.1 Description 248
10.10.2 Includes and Data Definitions 248
10.10.3 Functions 249
10.11 Marshal.c 251
10.11.1 Introduction 251
10.11.2 Unmarshal and Marshal a Value 251
10.11.3 Unmarshal and Marshal a Union 252
10.11.4 Unmarshal and Marshal a Structure 254
10.11.5 Unmarshal and Marshal an Array 256
10.11.6 TPM2B Handling 258
10.12 MemoryLib.c 259
10.12.1 Description 259
10.12.2 Includes and Data Definitions 259
10.12.3 Functions on BYTE Arrays 259
10.13 Power.c 264
10.13.1 Description 264
10.13.2 Includes and Data Definitions 264
10.13.3 Functions 264
10.14 PropertyCap.c 265
10.14.1 Description 265
10.14.2 Includes 265
10.14.3 Functions 265
10.15 TpmFail.c 273
10.15.1 Includes, Defines, and Types 273
10.15.2 Typedefs 273
10.15.3 Local Functions 274
10.15.4 Public Functions 275
10.15.5 TpmFailureMode 275
11 Cryptographic Functions 279
11.1 Introduction 279
11.2 CryptUtil.c 279
11.2.1 Introduction 279
11.2.2 Includes 279
11.2.3 TranslateCryptErrors() 279
11.2.4 Random Number Generation Functions 280
11.2.5 Hash/HMAC Functions 281
11.2.6 RSA Functions 294
11.2.7 ECC Functions 302
11.2.8 Symmetric Functions 312
11.2.9 Initialization and shut down 316

 © ISO/IEC 2015 – All rights reserved

11.2.10 Algorithm-Independent Functions 317
11.2.11 Math functions 339
11.2.12 Capability Support 341
11.3 Ticket.c 343
11.3.1 Introduction 343
11.3.2 Includes 343
11.3.3 Functions 343
11.4 CryptSelfTest.c 346
11.4.1 Introduction 346
11.4.2 Functions 347
Annex A (informative) Implementation Dependent 351
A.1 Introduction 351
A.2 Implementation.h 351
Annex B (informative) Cryptographic Library Interface 365
B.1 Introduction 365
B.2 Integer Format 365
B.3 CryptoEngine.h 365
B.3.1. Introduction 365
B.3.2. General Purpose Macros 366
B.3.3. Self-test 366
B.3.4. Hash-related Structures 366
B.3.5. Asymmetric Structures and Values 368
B.3.6. ECC-related Structures 368
B.3.7. RSA-related Structures 368
B.4 OsslCryptoEngine.h 370
B.4.1. Introduction 370
B.4.2. Defines 370
B.5 MathFunctions.c 371
B.5.1. Introduction 371
B.5.2. Externally Accessible Functions 371
B.6 CpriCryptPri.c 381
B.6.1. Introduction 381
B.6.2. Includes and Locals 381
B.6.3. Functions 381
B.7 CpriRNG.c 383
B.7.1. Introduction 383
B.7.2. Defines 383
B.7.3. Includes and Values 383
B.7.4. Functions 383
B.8 CpriHash.c 386
B.8.1. Description 386
B.8.2. Includes, Defines, and Types 386
B.8.3. Static Functions 386
B.8.4. Hash Functions 388
B.8.5. HMAC Functions 395
B.8.6. Mask and Key Generation Functions 397
B.9 CpriHashData.c 402
B.10 CpriMisc.c 403

© ISO/IEC 2015 – All rights reserved

B.10.1. Includes....403
B.10.2. Functions....403
B.11 CpriSym.c....405
B.11.1. Introduction....405
B.11.2. Includes, Defines, and Typedefs....405
B.11.3. Utility Functions....406
B.11.4. Symmetric Encryption....407
B.12 RSA Files....412
B.12.1. CpriRSA.c....412
B.12.2. Alternative RSA Key Generation....436
B.13 Elliptic Curve Files....467
B.13.1. CpriDataEcc.h....467
B.13.2. CpriDataEcc.c....468
B.13.3. CpriECC.c....471
Annex C (informative) Simulation Environment....509
C.1 Introduction....509
C.2 Cancel.c....509
C.2.1. Introduction....509
C.2.2. Includes, Typedefs, Structures, and Defines....509
C.2.3. Functions....509
C.3 Clock.c....511
C.3.1. Introduction....511
C.3.2. Includes and Data Definitions....511
C.3.3. Functions....511
C.4 Entropy.c....513
C.4.1. Includes and Defines....513
C.4.2. Local values....513
C.4.3. _plat__GetEntropy()....513
C.5 LocalityPlat.c....515
C.5.1. Includes....515
C.5.2. Functions....515
C.6 NVMem.c....516
C.6.1. Introduction....516
C.6.2. Includes....516
C.6.3. Functions....516
C.7 PowerPlat.c....521
C.7.1. Includes....521
C.7.2. Functions....521
C.8 Platform.h....523
C.8.1. Includes and Defines....523
C.8.2. Power Functions....523
C.8.3. Physical Presence Functions....523
C.8.4. Command Canceling Functions....524
C.8.5. NV memory functions....525
C.8.6. Locality Functions....527
C.8.7. Clock Constants and Functions....527
C.8.8. Entropy Function _plat__GetEntropy()....529

 © ISO/IEC 2015 – All rights reserved

C.9 PlatformData.h 530
C.10 PlatformData.c 531
C.10.1. Description 531
C.10.2. Includes 531
C.11 PPPlat.c 532
C.11.1. Description 532
C.11.2. Includes 532
C.11.3. Functions 532
C.12 Unique.c 534
C.12.1. Introduction 534
C.12.2. Includes 534
C.12.3. _plat__GetUnique() 534
Annex D (informative) Remote Procedure Interface 535
D.1 Introduction 535
D.2 TpmTcpProtocol.h 536
D.2.1. Introduction 536
D.2.2. Defines 536
D.2.3. Typedefs 536
D.3 TcpServer.c 538
D.3.1. Description 538
D.3.2. Includes, Locals, Defines and Function Prototypes 538
D.3.3. Functions 538
D.4 TPMCmdp.c 548
D.4.1. Description 548
D.4.2. Includes and Data Definitions 548
D.4.3. Functions 548
D.5 TPMCmds.c 554
D.5.1. Description 554
D.5.2. Includes, Defines, Data Definitions, and Function Prototypes 554
D.5.3. Functions 554
Bibliography 556

© ISO/IEC 2015 – All rights reserved

Tables

Table 1 43
Table 2 44
Table 3 46
Table 4 46
Table 5 47
Table 6 49
Table 7 52
Table 8 54
Table 9 55
Table 10 58
Table 11 61
Table 12 62
Table 13 64
Table 14 64
Table 15 67
Table 16 78
Table 17 80
Table 18 86
Table 19 87
Table 20 88
Table 21 92
Table 22 93
Table 23 94
Table 24 97
Table 25 102
Table 26 104
Table 27 108
Table 28 111
Table 29 114
Table 30 115
Table 31 115
Table 32 116
Table 33 123
Table 34 125
Table 35 128
Table 36 130

 © ISO/IEC 2015 – All rights reserved

Table 37 136
Table 38 136
Table 39 138
Table 40 140
Table 41 141
Table 42 142
Table 43 143
Table 44 146
Table 45 149
Table 46 150
Table 47 154
Table 48 155
Table 49 159
Table 50 160
Table 51 162
Table 52 163
Table 53 166
Table 54 166
Table 55 167
Table 56 168
Table 57 169
Table 58 172
Table 59 172
Table 60 172
Table 61 174
Table 62 175
Table 63 176
Table 64 176
Table 65 178
Table 66 179
Table 67 180
Table 68 181
Table 69 184
Table 70 185
Table 71 186
Table 72 189
Table 73 192
Table 74 193
Table 75 195

© ISO/IEC 2015 – All rights reserved

Table 76 195
Table 77 198
Table 78 198
Table 79 202
Table 80 203
Table 81 203
Table 82 204
Table 83 205
Table 84 208
Table 85 209
Table 86 213
Table 87 214
Table 88 219
Table 89 223
Table 90 224
Table 91 231
Table 92 232
Table 93 232
Table 94 233
Table 95 233
Table 96 235
Table 97 237
Table 98 247
Table 99 249
Table 100 250
Table 101— Definition of (TPM_HANDLE) TPMI_DH_OBJECT Type from ISO/IEC 11889-2....251
Table 102 — Definition of TPMU_PUBLIC_PARMS Union <IN/OUT, S> from ISO/IEC 11889-2....252
Table 103 — Definition of TPMT_PUBLIC Structure from ISO/IEC 11889-2....254
Table 104 — Definition of TPML_DIGEST Structure from ISO/IEC 11889-2....256
Table 105 — Definition of TPM2B_EVENT Structure from ISO/IEC 11889-2....258
Table 106 260
Table 107 262
Table 108 265
Table 109 265
Table 110 272
Table 111 279
Table 112 281
Table 113 282
Table 114 283

 © ISO/IEC 2015 – All rights reserved

Table 115 283
Table 116 284
Table 117 284
Table 118 286
Table 119 287
Table 120 287
Table 121 288
Table 122 288
Table 123 289
Table 124 289
Table 125 290
Table 126 290
Table 127 291
Table 128 291
Table 129 294
Table 130 295
Table 131 296
Table 132 297
Table 133 299
Table 134 300
Table 135 301
Table 136 303
Table 137 304
Table 138 305
Table 139 306
Table 140 307
Table 141 307
Table 142 309
Table 143 310
Table 144 317
Table 145 320
Table 146 322
Table 147 326
Table 148 328
Table 149 330
Table 150 331
Table 151 335
Table 152 337
Table 153 338

© ISO/IEC 2015 – All rights reserved

Table 154 339
Table 155 340
Table 156 340
Table 157 341
Table 158 342
Table 159 343
Table 160 347
Table 161 348
Table 162 349
Table B.1 368
Table B.2 371
Table B.3 372
Table B.4 372
Table B.5 373
Table B.6 374
Table B.7 375
Table B.8 377
Table B.9 377
Table B.10 378
Table B.11 380
Table B.12 387
Table B.13 389
Table B.14 389
Table B.15 390
Table B.16 391
Table B.17 392
Table B.18 394
Table B.19 395
Table B.20 396
Table B.21 397
Table B.22 398
Table B.23 400
Table B.24 403
Table B.25 406
Table B.26 409
Table B.27 412
Table B.28 414
Table B.29 416
Table B.30 417

 © ISO/IEC 2015 – All rights reserved

Table B.31 418
Table B.32 419
Table B.33 421
Table B.34 422
Table B.35 422
Table B.36 424
Table B.37 426
Table B.38 427
Table B.39 428
Table B.40 429
Table B.41 430
Table B.42 431
Table B.43 432
Table B.44 439
Table B.45 442
Table B.46 445
Table B.47 451
Table B.48 472
Table B.49 473
Table B.50 475
Table B.51 477
Table B.52 479
Table B.53 481
Table B.54 482
Table B.55 487
Table B.56 489
Table B.57 492
Table B.58 494
Table B.59 495
Table B.60 497
Table B.61 498
Table B.62 500
Table B.63 502
Table B.64 504
Table B.65 507
Table C.1 509
Table C.2 513
Table C.3 516
Table C.4 518

© ISO/IEC 2015 – All rights reserved

Table C.5....519
Table C.6....520
Table C.7....524
Table C.8....524
Table C.9....525
Table C.10....525
Table C.11....526
Table C.12....526
Table C.13....529
Table C.14....532

 © ISO/IEC 2015 – All rights reserved

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. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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).

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

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword — Supplementary information.

ISO/IEC 11889-4 was prepared by the Trusted Computing Group (TCG) and was adopted, under the PAS procedure, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

This second edition cancels and replaces the first edition (ISO/IEC 11889-4:2009), which has been technically revised.

ISO/IEC 11889 consists of the following parts, under the general title *Information technology — Trusted Platform Module Library:*

– *Part 1: Architecture*

– *Part 2: Structures*

– *Part 3: Commands*

– *Part 4: Supporting routines*

© ISO/IEC 2015 – All rights reserved

Introduction

The International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) draw attention to the fact that it is claimed that compliance with this document may involve the use of a patent.

ISO and IEC take no position concerning the evidence, validity and scope of this patent right.

The holder of this patent right has assured the ISO and IEC that he/she is willing to negotiate licences either free of charge or under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with ISO and IEC. Information may be obtained from:

Fujitsu Limited **1-1, Kamikodanaka 4-chrome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan**
Microsoft Corporation **One Microsoft Way, Redmond, WA 98052**
Enterasys Networks, Inc **50 Minuteman Road, US-Andover, MA 01810**
Lenovo **1009 Think Place, US-Morrisville, NC 27560-8496**
Advanced Micro devices, Inc. - AMD **7171 Southwest Parkway, Mailstop B100.3, US-Austin, Texas 78735**
Hewlett-Packard Company **P.O. Box 10490, US-Palo Alto, CA 94303-0969**
Infineon Technologies AG - Neubiberg **Am Campeon 1-12, DE-85579 Neubiberg**
Sun Microsystems Inc. - Menlo Park, CA **10 Network Circle, UMPK10-146, US-Menlo Park, CA 94025**
IBM Corporation **North Castle Drive, US-Armonk, N.Y. 10504**
Intel Corporation **5200 Elam Young Parkway, US-Hillsboro, OR 97123**

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights other than those identified above. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO (www.iso.org/patents) and IEC (http://patents.iec.ch) maintain on-line databases of patents relevant to their standards. Users are encouraged to consult the databases for the most up to date information concerning patents.

© ISO/IEC 2015 – All rights reserved

Information technology — Trusted Platform Module Library —
Part 4: Supporting routines

1 Scope

This part of ISO/IEC 11889 contains C code that describes the algorithms and methods used by the command code in ISO/IEC 11889-3. The code in this part of ISO/IEC 11889 augments ISO/IEC 11889-2 and ISO/IEC 11889-3 to provide a complete description of a TPM, including the supporting framework for the code that performs the command actions.

Any code in this part of ISO/IEC 11889 may be replaced by code that provides similar results when interfacing to the action code in ISO/IEC 11889-3. The behavior of code in this part of ISO/IEC 11889 that is not included in an annex is *normative*, as observed at the interfaces with ISO/IEC 11889-3 code. Code in an annex is provided for completeness, that is, to allow a full implementation of ISO/IEC 11889 from the provided code.

The code in ISO/IEC 11889-3 and this part of ISO/IEC 11889 is written to define the behavior of a compliant TPM. In some cases (e.g., firmware update), it is not possible to provide a compliant implementation. In those cases, any implementation provided by the vendor that meets the general description of the function provided in ISO/IEC 11889-3 would be compliant.

The code in ISO/IEC 11889-3 and this part of ISO/IEC 11889 is not written to meet any particular level of conformance nor does ISO/IEC 11889 require that a TPM meet any particular level of conformance.

© ISO/IEC 2015 – All rights reserved

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- ISO/IEC 9797-2, *Information technology -- Security techniques -- Message Authentication Codes (MACs) -- Part 2: Mechanisms using a dedicated hash-function*
- ISO/IEC 10116:2006, *Information technology — Security techniques — Modes of operation for an n-bit block cipher*
- ISO/IEC 11889-1, *Information technology — Trusted Platform Module Library — Part 1: Architecture*
- ISO/IEC 11889-2, *Information technology — Trusted Platform Module Library — Part 2: Structures*
- ISO/IEC 11889-3, *Information technology — Trusted Platform Module Library — Part 3: Commands*

3 Terms and definitions

For the purposes of this part of ISO/IEC 11889, the terms and definitions given in ISO/IEC 11889-1 apply.

4 Symbols and abbreviated terms

For the purposes of this part of ISO/IEC 11889, the symbols and abbreviated terms given in ISO/IEC 11889-1 apply.

5 Automation

5.1 Introduction

ISO/IEC 11889-2 and ISO/IEC 11889-3 are constructed so that they can be processed by an automated parser.

EXAMPLE 1 ISO/IEC 11889-2 can be processed to generate header file contents such as structures, typedefs, and enums.

EXAMPLE 2 ISO/IEC 11889-3 can be processed to generate command and response marshaling and unmarshaling code.

5.2 Configuration Parser

The tables in the ISO/IEC 11889-2 Annexes are constructed so that they can be processed by a program. The program that processes these tables in the ISO/IEC 11889-2 Annexes is called "The ISO/IEC 11889-2 Configuration Parser."

The tables in the ISO/IEC 11889-2 Annexes determine the configuration of a TPM implementation. These tables may be modified by an implementer to describe the algorithms and commands to be executed in by a specific implementation as well as to set implementation limits such as the number of PCR, sizes of buffers, etc.

The ISO/IEC 11889-2 Configuration Parser produces a set of structures and definitions that are used by the ISO/IEC 11889-2 Structure Parser.

 © ISO/IEC 2015 – All rights reserved