

Errata to: Secure Smart Embedded Devices, Platforms and Applications

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Errata to:

K. Markantonakis and K. Mayes (eds.), *Secure Smart Embedded Devices, Platforms and Applications*, DOI [10.1007/978-1-4614-7915-4](https://doi.org/10.1007/978-1-4614-7915-4)

Page vii, Foreword, Paragraph 3 Line 2: RFID NFC should read “Radio Frequency Identity (RFID), Near Field Communication (NFC)”

Page x, Preface, Paragraph 2 Line 10: FPGA should read “Field Programmable Gate Array (FPGA)”

Page x, Preface, Paragraph 3 Line 16: WSN should read “Wireless Sensor Nodes (WSN)”

Page xi, Preface, Paragraph 1 Line 11: SCADA should read “Supervisory Control And Data Acquisition (SCADA)”

Page xv, Acknowledgements, Paragraph 1 Line 8: Naem should read “Naeem”

Page xxxviii, Contributors, Paragraph 4 Line 7: Saarbrcken should be “Saarbrucken”

Page 55, Section 3.3.1, Paragraph 1 Line 7: Acorn RISC machine should read “Advanced Risk Machine”

Page 100, Section 5.3, Paragraph 2 Lines 7 and 12: GE should read “Gate Equivalent (GE)”

Page 134, Table 6.1, Heading: unit should be “ μ s” not “us”

Capitalization of acronyms was incorrect in the published volume. The corrected list of acronyms is provided below:

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Page	Section	Para	Expansion (Abbreviation)	Correct form
3		Abstract	Radio Frequency Identification (RFID)	radio frequency identification (RFID)
3	1	1	Radio Frequency Identity (RFID)	radio frequency identity (RFID)
4	1, list 1	1	Identification Friend or Foe (IFF)	identification friend or foe (IFF)
5	1.2.1	4	Subscriber Identity Module (SIM)	subscriber identity module (SIM)
5	1.2.1	4	Universal Integrated Circuit Card (UICC)	universal integrated circuit card (UICC)
6	1.2.1	3	Identities (IDs)	identities (IDs)
7	1.2.2	1	Automatic Teller Machines (ATM)	automatic teller machines (ATM)
7	1.2.2	1	Point of Sale terminals (POS)	point of sale terminals (POS)
7	1.2.2, list 5	1	Personal Identification Numbers (PIN codes)	personal identification numbers (PIN codes)
9	1.2.4	1	Set Top Boxes (STB)	set top boxes (STB)
12	1.2.7	1	High Medium or Low (H:M:L)	high medium or low (H:M:L)
13	1.3.1	2	Security Element (SE)	security element (SE)
13	1.3.1	2	Near Field Communication (NFC)	near field communication (NFC)
15	1.3.2	4	Application protocol Data Unit (APDU)	application protocol data unit (APDU)
17	1.4.2	1	Message Authentication Code (MAC)	message authentication code (MAC)
17	1.4.2	1	Key Management System (KMS)	key management system (KMS)
20	1.6	1	Near Field Communication (NFC)	near field communication (NFC)
21	1.7	2	Read Only Memory (ROM)	read only memory (ROM)
21	1.7	2	Operating System (OS)	operating system (OS)
23	1.7	5	Trusted Service Manager (TSM)	trusted service manager (TSM)
31	Table 2.1		2-D Discrete cosine transform (DCT)	2-D discrete cosine transform (DCT)
38	2.3.1, list 2	2	Level 1 (L1)	level 1 (L1)
38	2.3.1, list 2	2	Level 2 (L2)	level 2 (L2)
38	2.3.1, list 2	2	Level 3 (L3)	level 3 (L3)
40	2.3.2	2	Instruction set architecture (ISA)	instruction set architecture (ISA)
41	2.3.2	7	Advanced RISC Machine (ARM)	advanced RISC machine (ARM)
46	2.3.4, list 3	3	Voice-over-IP (VoIP)	voice-over-IP (VoIP)

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(continued)		Expansion (Abbreviation)	Correct form
Page	Section	Para	
49	Abstract	1	central processing units (CPU)
50	3.1	3	joint test action group (JTAG)
51	3.2	1	very long Instruction Word (VLIW)
51	3.2	1	Digital Signal Processors (DSPs)
51	3.2	3	integrated circuit (IC)
51	3.2	3	bit slice processors (BSP)
51	3.2	3	programmable read only memories (PROM)
51	3.2	3	Digital Signal Processor (DSP)
52	3.3	4	integrated circuit (IC)
53	3.3	1	complementary metal oxide semiconductor (CMOS)
54	3.3.2	1	Field Programmable Gate Array (FPGA)
55	3.3.3	1	Acorn RISC Machine (ARM)
55	3.3.3	1	Differential Power Analysis (DPA)
56	3.4	2	Serial Peripheral Bus (SPI)
56	3.4	2	Control Area Network (CAN)
56	3.4	2	Universal Serial Bus (USB)
57	3.4	2	Application-Specific Integrated Circuits (ASICs)
58	3.4	1	Electrically Erasable Programmable Read Only Memory (EEPROM)
58	3.4	2	Peripheral Interface Controller (PIC)
59	3.4	1	One Time-Programmable (OTP)
61	3.4.1	1	Static Random Access Memory (SRAM)
61	3.4.1	1	Read Only Memory (ROM)
62	3.4.1	2	One-Time Programming (OTP)
62	3.4.1	3	Electrically Erasable PROM (EEPROM)
65	3.4.2	2	In-Circuit-Emulator (ICE)
			field programmable gate array (FPGA)
			acorn RISC machine (ARM)
			differential power analysis (DPA)
			serial peripheral bus (SPI)
			control area network (CAN)
			universal serial bus (USB)
			application-specific integrated circuits (ASICs)
			electrically erasable programmable read only memory (EEPROM)
			peripheral interface controller (PIC)
			one time-programmable (OTP)
			static random access memory (SRAM)
			read only memory (ROM)
			one-time programming (OTP)
			electrically erasable PROM (EEPROM)
			in-circuit-emulator (ICE)

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(continued)		Page	Section	Para	Expansion (Abbreviation)	Correct form
67	3.5	1	Differential Electromagnetic Analysis (DEMA)		differential electromagnetic analysis (DEMA)	
68	3.6	1	Trusted Platform Modules (TPM)		trusted platform modules (TPM)	
72	4.1	1	Trusted Computing Group (TCG)		trusted computing group (TCG)	
72	4.1	1	Trusted Multi-tenant Infrastructure and trusted network connect		trusted multi-tenant infrastructure and trusted network connect	
76	4.3.1	4	TPM Entity (TPME)		TPM entity (TPME)	
77	4.3.2	Table 4.1	Platform Configuration Registers (PCRs)		platform configuration registers (PCRs)	
81	4.3.4.2	2	Initial Program Loader: IPL		initial program loader: IPL	
108	5.5	4	Reduced Instruction Set Computing (RISC)		reduced instruction set computing (RISC)	
125	6.3.1	2	Data Encryption Standard (DES)		data encryption standard (DES)	
128	6.3.1.3	6	Advanced Encryption Standard (AES)		advanced encryption standard (AES)	
129	6.3.1.4	4	Cipher Block Chaining (CBC)		cipher block chaining (CBC)	
131	6.3.1.5	1	Cyclic Redundancy Check (CRC)		cyclic redundancy check (CRC)	
134	6.3.2	1	Optimal Asymmetric Encryption Padding (OAEP)		optimal asymmetric encryption padding (OAEP)	
134	6.3.3	2	Cyclic Redundancy Check (CRC)		Cyclic redundancy check (CRC)	
135	6.3.3	1	Message Authentication Code (MAC)		Message authentication code (MAC)	
136	6.4.1	5	Public Key Infrastructure (PKI)		public key infrastructure (PKI)	
136	6.4.1	6	Certification Authority (CA)		certification authority (CA)	
137	6.4.1	1	Registration Authority (RA)		registration authority (RA)	
137	6.4.1	1	Point of Sale (POS)		point of sale (POS)	
137	6.4.1	2	Certificate Revocation List (CRL)		certificate revocation list (CRL)	
137	6.4.2	4	Near Field Communication (NFC)		near field communication (NFC)	
139	6.5	1	Security Elements (SE)		security elements (SE)	
147	7.2	4	Data Encryption Standard (DES)		data encryption standard (DES)	
147	7.2.1	5	Advanced Encryption Standard (AES)		advanced encryption standard (AES)	
148	7.2.1	2	Permuted Choice 1 (PC1)		permuted choice 1 (PC1)	

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148		7.2.1		2	Permuted Choice 2 (PC2)	permuted choice 2 (PC2)
168		7.5.3.1		5	Chinese Remainder Theorem (CRT)	Chinese remainder theorem (CRT)
179	Chapter 8			2	Graphics Processing Units (GPUs)	Graphics processing units (GPUs)
		8.1.1		4	Compute Unified Device Architecture (CUDA)	compute unified device achitecture (CUDA)
		8.1.3		1	Close-to-Metal (CTM)	close-to-metal (CTM)
		8.2.1		3	Data Encryption Standard (DES)	data encryption standard (DES)
212		9.2.3		1	Side-channel Attack Standard Evaluation Board (SASEBO)	Side-Channel Attack Standard Evaluation Board (SASEBO)
218		9.3.2.4		4	PROM (Programmable Read-Only Memory)	PROM (programmable read-only memory)
227		10 (Abstract)		1	Global System for Mobile Communications (GSM)	global system for mobile communications (GSM)
227		10 (Abstract)		1	Universal Mobile Telecommunications System (UMTS)	Universal mobile telecommunications system (UMTS)
227		10 (Abstract)		1	Subscriber Identity Module (SIM)	subscriber identity module (SIM)
228		10.1		1	Near Field Communication (NFC)	near field communication (NFC)
228		10.1		2	Subscriber Identity Module (SIM)	subscriber identity module (SIM)
229		10.1		1	Mobile Equipment (ME)	mobile equipment (ME)
229		10.2		2	Total Access Communications (TACS)	total access communications (TACS)
230		10.2.1		2	Authentication Centre (AuC)	authentication centre (AuC)
230		10.2.1		3	International Mobile Subscriber Identity—IMSI	international mobile subscriber identity—IMSI
230		10.2.1		3	Secret Key (Ki)	secret key (Ki)
230		10.2.1		4	secret key (Ki)	secret key (Ki)
230		10.2.1		4	session key (Kc)	session key (Kc)
232		10.2.1		1	IntegrityKey (IK)	integritykey (IK)
234		10.3.2		6	Mobile Equipment (ME)	mobile equipment (ME)
238		10.4.2		1	Over The Air (OTA)	over the air (OTA)
240		10.4.7		5	Near Field Communication (NFC)	near field communication (NFC)
240		10.4.7		5	Security Element (SE)	security element (SE)

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243	10.5.2	3			Focussed Ion Beam (FIB)	focussed ion beam (FIB)
246	10.5.4	2			Chinese Remainder Theorem (CRT)	Chinese remainder theorem (CRT)
247	10.6.1	2			Pure Software SIM (PSSIM)	pure software SIM (PSSIM)
247	10.6.1.1	3			Telemetry/Machine-to-Machine (T/M2M)	telemetry/machine-to-machine (T/M2M)
249	10.6.2				Hardware Shared Security Software SIM Solution (HS-SSIM)	hardware shared security software SIM solution (HS-SSIM)
249	10.6.2	2			Advanced RISC Machines Limited (ARM)	advanced RISC machines limited (ARM)
249	10.6.2	6			Data Rights Management (DRM)	data rights management (DRM)
250	10.6.2	3			Small Terminal Interoperability Platform (STIP)	small terminal interoperability platform (STIP)
251	10.6.3	4			Standalone Hardware Security SIM (SH-SIM)	standalone hardware security SIM (SH-SIM)
252	10.6.3.2	3			Electrically Erasable Programmable Read-Only Memory (EEPROM)	electrically erasable Programmable Read-Only Memory (EEPROM)
252	10.6.3.2	3			Hardware Security Module (HSM)	hardware security module (HSM)
254	10.7	2			Trusted Platform Module (TPM)	trusted platform module (TPM)
254	10.7	2			Trusted Computing Platform Alliance (TCPA)	trusted computing platform alliance (TCPA)
254	10.7	2			Trusted Computing Group (TCG)	trusted computing group (TCG)
255	10.7.1	5			Root of Trust for Measurement (RTM)	Root of trust for measurement (RTM)
255	10.7.1	5			Root of Trust for Storage (RTS)	Root of trust for storage (RTS)
255	10.7.1	5			Root of Trust for Reporting (RTR)	Root of trust for reporting (RTR)
255	10.7.1	6			Core Root of Trust for Measurement' (CRTM))	core root of trust for measurement (CRTM)
255	10.7.1	6			BIOS Boot Block (BBB)	BIOS boot block (BBB)
255	10.7.1	6			Platform Configuration Registers (PCRs)	platform configuration registers (PCRs)
256	10.7.2	1			Platform Configuration Registers (PCRs)	platform configuration registers (PCRs)
257	10.7.3	2			Mobile Trusted Platform (MTM)	mobile trusted Platform (MTP)
257	10.7.4				Section title	Mobile trusted platform (MTP)
258	10.7.4	1			Mobile Local-Owner Trusted Module (MLTM)	mobile local-owner trusted module (MLTM)
258	10.7.4	1			Mobile Remote-Owner Trusted Module (MRTM)	mobile remote-owner trusted module (MRTM)

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258	10.7.4	3	Protection Profile (PP)		Protection Profile (PP)	protection profile (PP)
261	10.8	1	Pure Software SIM (PSSIM)		Pure Software SIM (PSSIM)	pure software SIM (PSSIM)
261	10.8	2	Hardware Shared Software SIM (HS-SSIM)		Hardware Shared Software SIM (HS-SSIM)	hardware shared software SIM (HS-SSIM)
264	10.8.1	2	Security Element (SE)		Security Element (SE)	security element (SE)
268	11.2	4	Real-Time Locating System (RTLS)		Real-Time Locating System (RTLS)	real-time locating system (RTLS)
275	11.3.1.1	1	Angle of Arrival (AoA)		Angle of Arrival (AoA)	Angle of arrival (AoA)
276	11.3.1.3	2	Time of arrival (ToA)		Time of arrival (ToA)	time of arrival (ToA)
276	11.3.1.3	2	Time difference of arrival (TDoA)		Time difference of arrival (TDoA)	time difference of arrival (TDoA)
276	11.3.1.3	2	Round trip time (RTT)		Round trip time (RTT)	round trip time (RTT)
278	11.4	2	Round-trip-time (RTT)		Round-trip-time (RTT)	round-trip-time (RTT)
279	11.4	1	Ultra-WideBand (UWB)		Ultra-WideBand (UWB)	ultra-wideBand (UWB)
287	12.1	2	Electronic control units (ECU)		Electronic control units (ECU)	electronic control units (ECU)
287	12.1	2	Controller Area Network (CAN)		Controller Area Network (CAN)	controller area network (CAN)
288	12.1		Local interconnect network (LIN)		Local interconnect network (LIN)	local interconnect network (LIN)
288	12.1	2	Dedicated short range communication (DSRC)		Dedicated short range communication (DSRC)	dedicated short range communication (DSRC)
288	12.1	2	Vehicle-to-Vehicles communication - V2V		Vehicle-to-Vehicles communication - V2V	vehicle-to-vehicles communication - V2V
288	12.1	2	Vehicle-to-Infrastructure communication =- V2I		Vehicle-to-Infrastructure communication =- V2I	vehicle-to-Infrastructure communication =- V2I
288	12.1	2	Universal Mobile Telecommunications System (UMTS)		Universal Mobile Telecommunications System (UMTS)	Universal Mobile Telecommunications System (UMTS)
288	12.1	2	Global Positioning System (GPS)		Global Positioning System (GPS)	Global positioning system (GPS)
295	12.2.2.2	6	Radio Data System (RDS)		Radio Data System (RDS)	radio data system (RDS)
295	12.2.2.2	6	Global Positioning System (GPS)		Global Positioning System (GPS)	global positioning system (GPS)
296	12.2.4	3	Anti-lock braking system (ABS)		Anti-lock braking system (ABS)	anti-lock braking system (ABS)
296	12.2.4	3	Electronic stability program (ESP)		Electronic stability program (ESP)	electronic stability program (ESP)
298	12.2.6	6	Original Equipment Manufacturer (OEM)		Original Equipment Manufacturer (OEM)	original equipment manufacturer (OEM)
299	12.2.8	7	Engine control unit (ECU)		Engine control unit (ECU)	engine control unit (ECU)

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300	12.2.8	1	Tyre pressure monitoring system (TPMS)	tyre pressure monitoring system (TPMS)		
302	12.3	3	Open vehicular secure platform (OVERSEE)	open vehicular secure platform (OVERSEE)		
302	12.3	3	Electronic Control Unit (ECU)	electronic control unit (ECU)		
303	12.3.1	2	Operating System (OS)	operating system (OS)		
303	12.3.1	2	Real Time Operating System (RTOS)	real time operating system (RTOS)		
303	12.3.1	3	Electronic code unit (ECU)	electronic code unit (ECU)		
306	12.3.2	3	Lightweight directory access protocol (LDAP)	lightweight directory access protocol (LDAP)		
306	12.3.2	3	NSS (Name Switch Service)	NSS (name switch service)		
306	12.3.2	3	PAMs (Pluggable Authentication Modules)	PAMs (pluggable authentication modules)		
307	12.3.3	1	Electrically Erasable Programmable Read-Only Memory (EEPROM)	electrically erasable programmable read-only memory (EEPROM)		
307	12.3.3	2	Protection Profiles (PP)	protection profiles (PP)		
307	12.3.3	8	Secure Hardware Extension (SHE)	secure hardware extension (SHE)		
308	12.3.3	1	E-safety Vehicle Intrusion Protected Applications (EVITA)	E-safety vehicle intrusion protected applications (EVITA)		
336	14.2	2	national oceanographic and atmospheric administration (NOAA)	National Oceanographic and Atmospheric Administration (NOAA)		
336	14.2	2	defense advanced research projects agency (DARPA)	Defense Advanced Research Projects Agency (DARPA)		
340	14.4	1	Inter-Integrated Circuit (I2C)	inter-integrated circuit (I2C)		
345	14.5.2.1	2	Denial-of-Service (DoS)	denial-of-service (DoS)		
345	14.5.2.1	4	Frequency-Hopping Spread Spectrum (FHSS)	frequency-hopping spread spectrum (FHSS)		
357	15.3.2	3	Universal Integrated Circuit Card (UICC)	universal integrated circuit card (UICC)		
357	15.3.2	4	SigIn-SigOut-Communication (S2C)	SigIn-SigOut-communication (S2C)		
359	15.4	6	Portable Operating System Interface (POSIX)	Portable operating system interface (POSIX)		

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362	15.5.3	3			GSM association (GSM)	GSM Association (GSM)
362	15.5.3	4			Digital Rights Management (DRM)	digital rights management (DRM)
364	15.6.1	4			Japanese industrial standard (JIS)	Japanese Industrial Standard (JIS)
364	15.6.2				NFC Data Exchange Format (NDEF)	NFC data exchange format (NDEF)
365	15.6.2	1			Multipurpose Internet Mail Extensions (MIME)	multipurpose internet mail extensions (MIME)
369	Abstract	1			Basic Input Output System (BIOS)	basic input output system (BIOS)
369	Abstract	1			Trusted Platform Module (TPM)	trusted platform module (TPM)
370	16.1.1	1			Random Access Memory (RAM)	random access memory (RAM)
370	16.1.1	2			Operating System (OS)	operating system (OS)
370	16.1.1	3			User Interface (UI)	user interface (UI)
383	17 (Abstract)	1			Hardware Security Modules (HSMs)	Hardware security modules (HSMs)
383	17 (Abstract)	1			Tamper Resistant Security Modules (TRSMs)	tamper resistant security modules (TRSMs)
383	17 (Abstract)	1			Personal Identification Numbers (PINs)	personal identification numbers (PINs)
383	17 (Abstract)	1			Federal Information Processing Standard (FIPS)	federal information processing standard (FIPS)
383	17.1	2			Hardware Security Module (HSM)	hardware security module (HSM)
384	17.1	1			Tamper Resistant Security Modules (TRSM)	tamper resistant security modules (TRSM)
384	17.1	1			Secure Cryptographic Devices (SCD)	secure cryptographic devices (SCD)
384	17.1	1			Certification Authority (CA)	certification authority (CA)
384	17.1	1			Point of Sales terminals (POS terminals)	point of sales terminals (POS terminals)
384	17.2	3			Payment card industry (PCI)	payment card industry (PCI)
385	17.2	2			Card Verification Value (CVV)	card verification value (CVV)
385	17.2	2			Card Verification Key (CVK)	card verification key (CVK)
385	17.2	2			Personal Identification Number (PIN)	personal identification number (PIN)
385	17.2	3			PIN Verification Key (PNK)	PIN verification key (PNK)
385	17.2	4			Automatic Teller Machine (ATM)	automatic teller machine (ATM)
386	17.2	4			Message Authentication Code (MAC)	message authentication Code (MAC)

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Page	Section	Para	Expansion (Abbreviation)	Correct form
388	17.3	3	Host Master Key (HMK)	host master key (HMK)
390	17.4	1	Federal Information Processing Standard (FIPS)	federal information processing standard (FIPS)
392	17.4	Table 17.2	Code of Federal Regulations (CFR)	Code of federal regulations (CFR)
395	17.5	3	PIN Entry Device (PED)	PIN entry device (PED)
396	17.6	1	Key Encrypting Key (KEK)	key encrypting key (KEK)
397	17.6	4	Electronic Codebook (ECB)	electronic codebook (ECB)
398	17.6	4	Cipher Block Chaining (CBC)	cipher block chaining (CBC)
398	17.6	4	Initial Vector (IV)	initial vector (IV)
401	17.7	4	Account Related Data (ARD)	account related data (ARD)
410	18.2	3	Protection Profile (PP)	protection profile (PP)
413	18.2.1	2	(PIN Transaction Security) PTS	(PIN transaction security) PTS
413	18.2.2	4	information technology Security Evaluation Facility (ITSEF)	information technology security evaluation facility (ITSEF)
413	18.2.2	4	Commercial Evaluation Facility (CLEF)	commercial evaluation facility (CLEF)
414	18.2.2	3	common criteria management committee (CCMC)	Common Criteria Management Committee (CCMC)
414	18.2.2	3	common criteria development board (CCDB)	Common Criteria Development Board (CCDB)
415	18.2.3	4	Common Evaluation Methodology (CEM)	common evaluation methodology (CEM)
421	18.4.1	3	Derived Test Requirements (DTRs)	derived test requirements (DTRs)
433	19.2.2.2	2	Static Random Access Memory (SRAM)	static random access memory (SRAM)
452	20.2	2	Programmable Logic Controller (PLC)	programmable logic controller (PLC)
452	20.2	2	Remote Terminal Units (RTU)	remote terminal units (RTU)
453	20.2	3	Human Machine Interface (HMI)	Human machine interface (HMI)
453	20.2	4	Application programming interface (API)	application programming interface (API)
457	20.3.2	5	American petroleum institute (API)	American Petroleum Institute (API)
458	20.3.2	6	electric reliability organisation (ERO)	Electric Reliability Organisation (ERO)
464	20.4.3	3	Network Intrusion Detection System (NIDS)	network intrusion detection system (NIDS)

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475	21.1	1	Central Processing Unit (CPU)	1	Central Processing Unit (CPU)	central processing unit (CPU)
477	21.3.1	1	Peripheral Interface Controller (PIC)	1	Peripheral Interface Controller (PIC)	Peripheral interface controller (PIC)
477	21.3.1	1	Microprocessor unit (MPU)	1	Microprocessor unit (MPU)	microprocessor unit (MPU)
479	21.3.4	1	Integrated Development Environment (IDE)	1	Integrated Development Environment (IDE)	integrated development environment (IDE)
481	21.4.1	1	National Institute of Standards and Technology (NIST)	1	National Institute of Standards and Technology (NIST)	National Institute of Standards and Technology (NIST)
498	22.2.1	1	Java Card virtual machine (JCVM)	1	Java Card virtual machine (JCVM)	Java card virtual machine (JCVM)
499	22.2.1	1	Java Card runtime environment (JCRE)	1	Java Card runtime environment (JCRE)	Java card runtime environment (JCRE)
508	22.5.1	2	Proprietary Application Identifier Extension (PIX)	2	Proprietary Application Identifier Extension (PIX)	proprietary application identifier extension (PIX)
515	23.1	1	Mobile information device profile (MIDP)	1	Mobile information device profile (MIDP)	mobile information device profile (MIDP)
515	23.1	1	Application protocol data unit (APDU)	1	Application protocol data unit (APDU)	application protocol data unit (APDU)
517	23.1.1	1	Java card remote method invocation (JCRMI)	1	Java card remote method invocation (JCRMI)	Java card remote method invocation (JCRMI)
517	23.1.1	8	Remote Method Interface (RMI)	8	Remote Method Interface (RMI)	remote method interface (RMI)
517	23.1.1	8	Generic Connection Framework (GCF)	8	Generic Connection Framework (GCF)	generic connection framework (GCF)
517	23.1.1	8	Java Card Remote Method Invocation (JCRMI)	8	Java Card Remote Method Invocation (JCRMI)	Java card remote method invocation (JCRMI)
518	23.1.2	4	Java card virtual machine (JCVM)	4	Java card virtual machine (JCVM)	Java card virtual machine (JCVM)
518	23.1.2	4	Java virtual machine (JVM)	4	Java virtual machine (JVM)	Java virtual machine (JVM)
519	23.2.1	2	Integrated Development Environment (IDE)	2	Integrated Development Environment (IDE)	integrated development environment (IDE)
519	23.2.1	12	Connected limited device configuration (CLDC)	12	Connected limited device configuration (CLDC)	connected limited device configuration (CLDC)
519	23.2.1	12	Over-the-air (OTA)	12	Over-the-air (OTA)	over-the-air (OTA)
519	23.2.1	12	Java Community Process (JCP)	12	Java Community Process (JCP)	Java community process (JCP)
519	23.2.1	14	Mobile Information Device Profile (MIDP)	14	Mobile Information Device Profile (MIDP)	Mobile information device profile (MIDP)
519	23.2.1	15	Connected Limited Device Configuration (CLDC)	15	Connected Limited Device Configuration (CLDC)	Connected limited device configuration (CLDC)
521	23.2.1	1	Generic connection framework (GCF)	1	Generic connection framework (GCF)	generic connection framework (GCF)
521	23.2.1	3	Answer-to-reset (ATR)	3	Answer-to-reset (ATR)	answer-to-reset (ATR)
521	23.2.1	3	Personal Identification Number (PIN)	3	Personal Identification Number (PIN)	personal identification number (PIN)

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Page	Section	Para	Expansion (Abbreviation)	Correct form
521	23.2.1	4	Application identifier (AID)	application identifier (AID)
521	23.2.1	4	Uniform resource locator (URL)	uniform resource locator (URL)
523	23.2.1.2	1	Java application descriptor (JAD)	Java application descriptor (JAD)
527	23.2.2.1	1	Application identifier (AID)	application identifier (AID)
542	24.1	1	Near Field Communication	near field communication
542	24.2	Heading	Sun Small Programmable Object Technology (SPOTs)	Sun small programmable object technology (SPOTs)
542	24.2.1	1	Link Quality Routing Protocol	link quality routing protocol
553	24.3.4.2	1	Integrated Development Environment (IDE)	integrated development environment (IDE)