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oneM2M;
Functional Architecture
(oneM2M TS-0001 version 3.22.0 Release 3)

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ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
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Contents

Intellectual Property Rights 14
Foreword 14
1 Scope 15
2 References 15
2.1 Normative references 15
2.2 Informative references 16
3 Definition of terms, symbols and abbreviations 17
3.1 Terms 17
3.2 Symbols 19
3.3 Abbreviations 19
4 Conventions 23
5 Architecture Model 23
5.1 General Concepts 23
5.2 Architecture Reference Model 24
5.2.1 Functional Architecture 24
5.2.2 Reference Points 25
5.2.2.0 Overview 25
5.2.2.1 Mca Reference Point 25
5.2.2.2 Mcc Reference Point 25
5.2.2.3 Mcn Reference Point 25
5.2.2.4 Mcc' Reference Point 25
5.2.2.5 Other Reference Points and Interfaces 25
6 oneM2M Architecture Aspects 26
6.1 Configurations supported by oneM2M Architecture 26
6.2 Common Services Functions 28
6.2.0 Overview 28
6.2.1 Application and Service Layer Management 28
6.2.1.1 General Concepts 28
6.2.1.2 Detailed Descriptions 29
6.2.1.2.0 Overview 29
6.2.1.2.1 Software Management Function 29
6.2.2 Communication Management and Delivery Handling 29
6.2.2.1 General Concepts 29
6.2.2.2 Detailed Descriptions 30
6.2.3 Data Management and Repository 30
6.2.3.1 General Concepts 30
6.2.3.2 Detailed Descriptions 31
6.2.4 Device Management 31
6.2.4.1 General Concepts 31
6.2.4.1.0 Overview 31
6.2.4.1.1 Device Management using other existing technologies 32
6.2.4.2 Detailed Descriptions 35
6.2.4.2.0 Overview 35
6.2.4.2.1 Device Configuration Function 36
6.2.4.2.2 Device Diagnostics and Monitoring Function 36
6.2.4.2.3 Device Firmware Management Function 37
6.2.4.2.4 Device Topology Management Function 37
6.2.5 Discovery 37
6.2.5.1 General Concepts 37
6.2.5.2 Detailed Descriptions 37
6.2.6 Group Management 38
6.2.6.1 General Concepts 38
6.2.6.2 Detailed Descriptions 38
6.2.7 Location 38

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6.2.7.1 General Concepts 38
6.2.7.2 Detailed Descriptions 39
6.2.8 Network Service Exposure, Service Execution and Triggering 39
6.2.8.1 General Concepts 39
6.2.8.2 Detailed Descriptions 39
6.2.9 Registration 40
6.2.9.1 General Concepts 40
6.2.9.2 Detailed Descriptions 40
6.2.10 Security 41
6.2.10.1 General Concepts 41
6.2.10.2 Detailed Descriptions 41
6.2.11 Service Charging and Accounting 43
6.2.11.1 General Concepts 43
6.2.11.2 Detailed Descriptions 43
6.2.12 Subscription and Notification 44
6.2.12.1 General Concepts 44
6.2.12.2 Detailed Descriptions 44
6.2.13 Transaction Management 44
6.2.13.1 General Concepts 44
6.2.13.2 Detailed Descriptions 44
6.2.14 Semantics 45
6.2.14.1 General Concepts 45
6.2.14.2 Detailed Descriptions 45
6.3 Security Aspects 45
6.4 Intra-M2M SP Communication 45
6.5 Inter-M2M SP Communication 46
6.5.1 Inter M2M SP Communication for oneM2M Compliant Nodes 46
6.5.1.0 Overview 46
6.5.1.1 Public Domain Names and CSEs 47
6.5.2 Inter M2M SP Generic Procedures 47
6.5.2.0 Overview 47
6.5.2.1 Actions of the Originating M2M Node in the Originating Domain 47
6.5.2.2 Actions of the Receiving CSE in the Originating Domain 47
6.5.2.3 Actions in the IN of the Target Domain 48
6.5.3 DNS Provisioning for Inter-M2M SP Communication 48
6.5.3.0 Overview 48
6.5.3.1 Inter-M2M SP Communication Access Control Policies 48
6.5.4 Conditional Inter-M2M Service Provider CSE Registration 48
6.6 M2M Service Subscription 49

7 M2M Entities and Object Identification 49
7.1 M2M Identifiers 49
7.1.0 Overview 49
7.1.1 M2M Service Provider Identifier (M2M-SP-ID) 49
7.1.2 Application Entity Identifier (AE-ID) 49
7.1.3 Application Identifier (App-ID) 50
7.1.4 CSE Identifier (CSE-ID) 50
7.1.5 M2M Node Identifier (M2M-Node-ID) 50
7.1.6 M2M Service Subscription Identifier (M2M-Sub-ID) 50
7.1.7 M2M Request Identifier (M2M-Request-ID) 51
7.1.8 M2M External Identifier (M2M-Ext-ID) 51
7.1.9 Underlying Network Identifier (UNetwork-ID) 52
7.1.10 Trigger Recipient Identifier (Trigger-Recipient-ID) 52
7.1.11 Void 52
7.1.12 Void 52
7.1.13 M2M Service Profile Identifier (M2M-Service-Profile-ID) 52
7.1.14 Role Identifier (Role-ID) 53
7.1.15 Token Identifier (Token-ID) 53
7.1.16 Local Token Identifier (Local-Token-ID) 53
7.2 M2M-SP-ID, CSE-ID, App-ID and AE-ID and resource Identifier formats 53
7.3 M2M Identifiers lifecycle and characteristics 65

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8 Description and Flows of Reference Points 67
8.1 General Communication Flow Scheme on Mca and Mcc Reference Points 67
8.1.0 Overview 67
8.1.1 Description 67
8.1.2 Request 67
8.1.3 Response 79
8.2 Procedures for Accessing Resources 83
8.2.0 Overview 83
8.2.1 Accessing Resources in CSEs - Blocking Requests 83
8.2.1.0 Overview 83
8.2.1.1 M2M Requests Routing Policies 88
8.2.1.2 Inter SP Domain M2M Request Routing 88
8.2.2 Accessing Resources in CSEs - Non-Blocking Requests 88
8.2.2.1 Response with Acknowledgement and optional Reference to Request Context and Capturing Result of Requested Operation 88
8.2.2.2 Synchronous Case 88
8.2.2.3 Asynchronous Case 91
8.3 Procedures for interaction with Underlying Networks 92
8.3.1 Introduction 92
8.3.2 Description and Flows on Mcn Reference Point 93
8.3.3 Device Triggering 93
8.3.3.1 Definition and scope 93
8.3.3.2 General Procedure for Device Triggering 93
8.3.3.2.0 Overview 93
8.3.3.2.1 Triggering procedure 94
8.3.3.2.2 Support for device trigger recall/replace procedure 97
8.3.4 Location Request 98
8.3.4.1 Definition and Scope 98
8.3.4.2 General Procedure for Location Request 99
8.3.5 Configuration of Traffic Patterns 100
8.3.5.1 Purpose of Configuration of Traffic Patterns 100
8.3.5.2 Traffic pattern parameters 101
8.3.5.3 General procedure for Configuration of Traffic Patterns 103
8.4 Connection Request 104
8.5 Device Management 104

9 Resource Management 104
9.0 Overview 104
9.1 General Principles 105
9.2 Resources 105
9.2.0 Overview 105
9.2.1 Normal Resources 105
9.2.2 Virtual Resources 105
9.2.3 Announced Resources 105
9.3 Resource Addressing 106
9.3.1 Generic Principles 106
9.3.2 Addressing an Application Entity 106
9.3.2.1 Application Entity Addressing 106
9.3.2.2 Application Entity Reachability 107
9.3.2.2.1 CSE Point of Access (CSE-PoA) 107
9.3.2.2.2 Locating Application Entities 107
9.3.2.2.3 Usage of CSE-PoA by the M2M System 107
9.4 Resource Structure 109
9.4.1 Relationships between Resources 109
9.4.2 Link Relations 110
9.5 Resource Type Specification Conventions 110
9.5.0 Overview 110
9.5.1 Handling of Unsupported Resources/Attributes/Sub-resources within the M2M System 113
9.6 Resource Types 113
9.6.1 Overview 113
9.6.1.1 Resource Type Summary 113
9.6.1.2 Resource Type Specializations 122

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ETSI TS 118 101 V3.22.0 (2021-02)
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9.6.1.2.1 Specializations of <*mgmtObj*> 122
9.6.1.2.2 Specializations of <*flexContainer*> 123
9.6.1.3 Commonly Used Attributes 126
9.6.1.3.0 Overview 126
9.6.1.3.1 Universal attributes 126
9.6.1.3.2 Common attributes 127
9.6.2 Resource Type *accessControlPolicy* 129
9.6.2.0 Introduction 129
9.6.2.1 *accessControlOriginators* 131
9.6.2.2 *accessControlContexts* 132
9.6.2.3 *accessControlOperations* 132
9.6.2.4 accessControlObjectDetails 133
9.6.2.5 *accessControlAuthenticationFlag* 133
9.6.3 Resource Type *CSEBase* 133
9.6.4 Resource Type *remoteCSE* 136
9.6.5 Resource Type *AE* 139
9.6.6 Resource Type *container* 142
9.6.7 Resource Type *contentInstance* 144
9.6.8 Resource Type *subscription* 146
9.6.9 Resource Type *schedule* 152
9.6.10 Resource Type *locationPolicy* 153
9.6.11 Resource Type *delivery* 157
9.6.12 Resource Type *request* 158
9.6.13 Resource Type *group* 160
9.6.14 Resource Type *fanOutPoint* 161
9.6.14a Resource Type *semanticFanOutPoint* 162
9.6.15 Resource Type *mgmtObj* 162
9.6.16 Resource Type *mgmtCmd* 164
9.6.17 Resource Type *execInstance* 165
9.6.18 Resource Type *node* 166
9.6.19 Resource Type *m2mServiceSubscriptionProfile* 170
9.6.20 Resource Type *serviceSubscribedNode* 172
9.6.21 Resource Type *pollingChannel* 173
9.6.22 Resource Type *pollingChannelURI* 174
9.6.23 Resource Type *statsConfig* 174
9.6.24 Resource Type *eventConfig* 175
9.6.25 Resource Type *statsCollect* 176
9.6.26 Resource Announcement 177
9.6.26.1 Overview 177
9.6.26.2 Universal Attributes for Announced Resources 180
9.6.26.3 Common Attributes for Announced Resources 181
9.6.27 Resource Type *latest* 181
9.6.28 Resource Type *oldest* 182
9.6.29 Resource Type *serviceSubscribedAppRule* 182
9.6.30 Resource Type *semanticDescriptor* 183
9.6.31 Resource Type *notificationTargetMgmtPolicyRef* 185
9.6.32 Resource Type *notificationTargetPolicy* 185
9.6.33 Resource Type *policyDeletionRules* 186
9.6.34 Resource Type *notificationTargetSelfReference* 187
9.6.35 Resource Type *flexContainer* 187
9.6.36 Resource Type *timeSeries* 189
9.6.37 Resource Type *timeSeriesInstance* 191
9.6.38 Resource Type *role* 192
9.6.39 Resource Type *token* 193
9.6.40 Resource Type *dynamicAuthorizationConsultation* 194
9.6.41 Resource Type *authorizationDecision* 195
9.6.42 Resource Type *authorizationPolicy* 197
9.6.43 Resource Type *authorizationInformation* 198
9.6.44 Resource Type *localMulticastGroup* 199
9.6.45 Resource Type *AEContactList* 201
9.6.46 Resource Type *AEContactListPerCSE* 201
9.6.47 Resource Type *transactionMgmt* 202

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ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-2d0f0e7a/etsi-ts-118-101-v3-22-0-2021-02

9.6.48 Resource Type *transaction* 206
9.6.49 Resource Type *triggerRequest* 208
9.6.50 Resource type *ontologyRepository* 210
9.6.51 Resource Type *ontology* 211
9.6.52 Resource Type *semanticValidation* 212
9.6.53 Resource Type *semanticMashupJobProfile* 213
9.6.54 Resource Type *semanticMashupInstance* 214
9.6.55 Resource Type *mashup* 216
9.6.56 Resource Type *semanticMashupResult* 217
9.6.57 Resource Type *multimediaSession* 218
9.6.58 Resource Type *crossResourceSubscription* 219
9.6.59 Void 221
9.6.60 Resource Type *backgroundDataTransfer* 221

10 Information Flows 222
10.1 Basic Procedures 222
10.1.1 Overview 222
10.1.2 CREATE (C) 223
10.1.3 RETRIEVE (R) 224
10.1.4 UPDATE (U) 225
10.1.5 DELETE (D) 226
10.1.6 NOTIFY (N) 227
10.2 Functional procedures 229
10.2.1 Overview 229
10.2.2 Registration 229
10.2.2.1 AE registration 229
10.2.2.2 Create <*AE*> 229
10.2.2.3 Retrieve <*AE*> 237
10.2.2.4 Update <*AE*> 237
10.2.2.5 Delete <*AE*> 238
10.2.2.6 CSE registration 238
10.2.2.7 Create <*remoteCSE*> 239
10.2.2.8 Retrieve <*remoteCSE*> 241
10.2.2.9 Update <*remoteCSE*> 242
10.2.2.10 Delete <*remoteCSE*> 242
10.2.2.11 Retrieve <*CSEBase*> 243
10.2.3 Authorization 244
10.2.3.1 Introduction 244
10.2.3.2 Authorization using <*accessControlPolicy*> 246
10.2.3.3 Create <*accessControlPolicy*> 246
10.2.3.4 Retrieve <*accessControlPolicy*> 246
10.2.3.5 Update <*accessControlPolicy*> 247
10.2.3.6 Delete <*accessControlPolicy*> 247
10.2.3.7 Authorization using <*dynamicAuthorizationConsultation*> 247
10.2.3.8 Create <*dynamicAuthorizationConsultation*> 247
10.2.3.9 Retrieve <*dynamicAuthorizationConsultation*> 248
10.2.3.10 Update <*dynamicAuthorizationConsultation*> 248
10.2.3.11 Delete <*dynamicAuthorizationConsultation*> 248
10.2.3.12 Authorization using <*role*> 248
10.2.3.13 Create <*role*> 248
10.2.3.14 Retrieve <*role*> 249
10.2.3.15 Update <*role*> 249
10.2.3.16 Delete <*role*> 250
10.2.3.17 Authorization using <*token*> 250
10.2.3.18 Create <*token*> 250
10.2.3.19 Retrieve <*token*> 250
10.2.3.20 Update <*token*> 251
10.2.3.21 Delete <*token*> 251
10.2.3.22 Authorization using <*authorizationDecision*> 251
10.2.3.23 Create <*authorizationDecision*> 251
10.2.3.24 Retrieve <*authorizationDecision*> 252
10.2.3.25 Update <*authorizationDecision*> 252

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https://standards.iteh.ai/catalog/standards/sist/565854f6-74a8-4fbe-ad4d-6a843fb7bd0a/etsi-ts-118-101-v3-22-0-2021-02

10.2.3.26 Delete <*authorizationDecision*> 253
10.2.3.27 Authorization using <*authorizationPolicy*> 253
10.2.3.28 Create <*authorizationPolicy*> 254
10.2.3.29 Retrieve <*authorizationPolicy*> 254
10.2.3.30 Update <*authorizationPolicy*> 254
10.2.3.31 Delete <*authorizationPolicy*> 255
10.2.3.32 Authorization using <*authorizationInformation*> 255
10.2.3.33 Create <*authorizationInformation*> 256
10.2.3.34 Retrieve <*authorizationInformation*> 256
10.2.3.35 Update <*authorizationInformation*> 256
10.2.3.36 Delete <*authorizationInformation*> 257
10.2.4 Data management 257
10.2.4.1 Introduction 257
10.2.4.2 Data management using <*container*> and <*contentInstance*> 257
10.2.4.3 Create <*container*> 258
10.2.4.4 Retrieve <*container*> 258
10.2.4.5 Update <*container*> 259
10.2.4.6 Delete <*container*> 259
10.2.4.7 Create <*contentInstance*> 259
10.2.4.8 Retrieve <*contentInstance*> 260
10.2.4.9 Update <*contentInstance*> 260
10.2.4.10 Delete <*contentInstance*> 261
10.2.4.11 Retrieve <*latest*> 261
10.2.4.12 Delete <*latest*> 261
10.2.4.13 Retrieve <*oldest*> 261
10.2.4.14 Delete <*oldest*> 261
10.2.4.15 Data management using <*flexContainer*> 261
10.2.4.16 Create <*flexContainer*> 262
10.2.4.17 Retrieve <*flexContainer*> 262
10.2.4.18 Update <*flexContainer*> 262
10.2.4.19 Delete <*flexContainer*> 263
10.2.4.20 Data management using <*timeSeries*> and <*timeSeriesInstance*> 263
10.2.4.21 Create <*timeSeries*> 263
10.2.4.22 Retrieve <*timeSeries*> 263
10.2.4.23 Update <*timeSeries*> 264
10.2.4.24 Delete <*timeSeries*> 264
10.2.4.25 Create <*timeSeriesInstance*> 264
10.2.4.26 Retrieve <*timeSeriesInstance*> 265
10.2.4.27 Update <*timeSeriesInstance*> 265
10.2.4.28 Delete <*timeSeriesInstance*> 265
10.2.4.29 Procedure for Time Series Data Detecting and Reporting 265
10.2.5 Request message handling 266
10.2.5.1 Introduction 266
10.2.5.2 Non-blocking communication management 266
10.2.5.3 Create <*request*> 266
10.2.5.4 Retrieve <*request*> 268
10.2.5.5 Update <*request*> 269
10.2.5.6 Delete <*request*> 269
10.2.5.7 Request delivery aggregation 269
10.2.5.8 Create <*delivery*> 272
10.2.5.9 Retrieve <*delivery*> 273
10.2.5.10 Update <*delivery*> 274
10.2.5.11 Delete <*delivery*> 274
10.2.5.12 Request message polling 275
10.2.5.13 Create <*pollingChannel*> 276
10.2.5.14 Retrieve <*pollingChannel*> 276
10.2.5.15 Update <*pollingChannel*> 277
10.2.5.16 Delete <*pollingChannel*> 277
10.2.5.17 Internal Processing for Polling Channel 278
10.2.5.18 Long Polling on Polling Channel 278
10.2.5.19 Delivering the response to the request sent over polling channel 279
10.2.5.20 End-to-end secure communication 279

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ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-6843fb7bd0a/etsi-ts-118-101-v3-22-0-2021-02

10.2.5.21 End-to-AE communication 279
10.2.5.22 End-to-CSE communication 280
10.2.5.23 Notification Re-targeting 280
10.2.6 Discovery 281
10.2.6.1 Discovery without Result Content parameter 281
10.2.6.2 Discovery with Result Content parameter 282
10.2.7 Group management 283
10.2.7.1 Introduction 283
10.2.7.2 Create <*group*> 284
10.2.7.3 Retrieve <*group*> 285
10.2.7.4 Update <*group*> 285
10.2.7.5 Delete <*group*> 287
10.2.7.6 Create <*fanOutPoint*> 287
10.2.7.7 Retrieve <*fanOutPoint*> 289
10.2.7.8 Update <*fanOutPoint*> 290
10.2.7.9 Delete <*fanOutPoint*> 292
10.2.7.10 Subscribe and Un-Subscribe <*fanOutPoint*> of a group 294
10.2.7.11 Aggregate the Notifications by group 296
10.2.7.12 Retrieve <*semanticFanOutPoint*> 297
10.2.7.13 Multicast Group Management Procedures 297
10.2.7.13.0 Introduction 297
10.2.7.13.1 Multicast Group Information and <localMulticastGroup> Creation Procedures 299
10.2.7.13.2 Multicast Group member Fan out Procedures 303
10.2.7.14 Create <*localMulticastGroup*> 305
10.2.7.15 Retrieve <*localMulticastGroup*> 305
10.2.7.16 Update <*localMulticastGroup*> 306
10.2.7.17 Delete <*localMulticastGroup*> 306
10.2.8 Device management 306
10.2.8.1 Introduction 306
10.2.8.2 Node management 307
10.2.8.3 Create <*node*> 307
10.2.8.4 Retrieve <*node*> 307
10.2.8.5 Update <*node*> 308
10.2.8.6 Delete <*node*> 308
10.2.8.7 Device management using <*mgmtObj*> 308
10.2.8.8 Create <*mgmtObj*> 309
10.2.8.9 Retrieve <*mgmtObj*> 310
10.2.8.10 Update <*mgmtObj*> 310
10.2.8.11 Delete <*mgmtObj*> 311
10.2.8.12 Execute <*mgmtObj*> 312
10.2.8.13 Device management using <*mgmtCmd*> and <*execInstance*> 312
10.2.8.14 Create <*mgmtCmd*> 313
10.2.8.15 Retrieve <*mgmtCmd*> 313
10.2.8.16 Update <*mgmtCmd*> 314
10.2.8.17 Delete <*mgmtCmd*> 314
10.2.8.18 Execute <*mgmtCmd*> 316
10.2.8.19 Cancel <*execInstance*> 317
10.2.8.20 Retrieve <*execInstance*> 318
10.2.8.21 Delete <*execInstance*> 319
10.2.9 Location management 319
10.2.9.1 Introduction 319
10.2.9.2 Create <locationPolicy> 320
10.2.9.3 Retrieve <locationPolicy> 321
10.2.9.4 Update <locationPolicy> 321
10.2.9.5 Delete <*locationPolicy*> 322
10.2.9.6 Procedure for <container> resource that stores the location information 323
10.2.9.7 Procedure for <*contentInstance*> resource that stores location information 323
10.2.10 Subscription and notification 323
10.2.10.1 Introduction 323
10.2.10.2 Create <*subscription*> 323
10.2.10.3 Retrieve <*subscription*> 324
10.2.10.4 Update <*subscription*> 325

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ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-6a843fb7bd0a/etsi-ts-118-101-v3-22-0-2021-02

10.2.10.5 Delete <*subscription*> 325
10.2.10.6 Notification procedures 325
10.2.10.7 Notification message handling procedure 326
10.2.10.8 Notification Target removal procedure 329
10.2.10.9 Delete <*notificationTargetSelfReference*> 331
10.2.10.10 Create <*notificationTargetMgmtPolicyRef*> 331
10.2.10.11 Retrieve <*notificationTargetMgmtPolicyRef*> 331
10.2.10.12 Update <*notificationTargetMgmtPolicyRef*> 332
10.2.10.13 Delete <*notificationTargetMgmtPolicyRef*> 332
10.2.10.14 Create <*notificationTargetPolicy*> 332
10.2.10.15 Retrieve <*notificationTargetPolicy*> 333
10.2.10.16 Update <*notificationTargetPolicy*> 333
10.2.10.17 Delete <*notificationTargetPolicy*> 333
10.2.10.18 Create <*policyDeletionRules*> 334
10.2.10.19 Retrieve <*policyDeletionRules*> 334
10.2.10.20 Update <*policyDeletionRules*> 334
10.2.10.21 Delete <*policyDeletionRules*> 335
10.2.10.22 Create <*crossResourceSubscription*> 335
10.2.10.23 Retrieve <*crossResourceSubscription*> 336
10.2.10.24 Update <*crossResourceSubscription*> 337
10.2.10.25 Delete <*crossResourceSubscription*> 338
10.2.10.26 Cross-Resource Notification Procedure 338
10.2.11 Service Charging and Accounting Procedures 339
10.2.11.1 Service event-based statistics collection for applications 339
10.2.11.2 Create <*statsConfig*> 340
10.2.11.3 Retrieve <*statsConfig*> 341
10.2.11.4 Update <*statsConfig*> 341
10.2.11.5 Delete <*statsConfig*> 342
10.2.11.6 Create <*eventConfig*> 343
10.2.11.7 Retrieve <*eventConfig*> 343
10.2.11.8 Update <*eventConfig*> 343
10.2.11.9 Delete <*eventConfig*> 344
10.2.11.10 Create <*statsCollect*> 344
10.2.11.11 Retrieve <*statsCollect*> 345
10.2.11.12 Update <*statsCollect*> 345
10.2.11.13 Delete <*statsCollect*> 346
10.2.11.14 Service Statistics Collection Record 346
10.2.12 M2M service subscription management 347
10.2.12.1 Introduction 347
10.2.12.2 Create <*m2mServiceSubscriptionProfile*> 347
10.2.12.3 Retrieve <*m2mServiceSubscriptionProfile*> 348
10.2.12.4 Update <*m2mServiceSubscriptionProfile*> 348
10.2.12.5 Delete <*m2mServiceSubscriptionProfile*> 348
10.2.12.6 Create <*serviceSubscribedNode*> 349
10.2.12.7 Retrieve <*serviceSubscribedNode*> 349
10.2.12.8 Update <*serviceSubscribedNode*> 350
10.2.12.9 Delete <*serviceSubscribedNode*> 350
10.2.12.10 Create <*serviceSubscribedAppRule*> 350
10.2.12.11 Retrieve <*serviceSubscribedAppRule*> 351
10.2.12.12 Update <*serviceSubscribedAppRule*> 351
10.2.12.13 Delete <*serviceSubscribedAppRule*> 351
10.2.13 Resource announcement 352
10.2.13.1 Introduction 352
10.2.13.2 Procedure for AE and CSE to initiate Creation of an Announced Resource 352
10.2.13.3 Procedure at AE or CSE to Retrieve information from an Announced Resource 353
10.2.13.4 Procedure for AE and CSE to initiate Deletion of an Announced Resource 355
10.2.13.5 Procedure for original resource Hosting CSE to Create an Announced Resource 356
10.2.13.6 Procedure for original resource Hosting CSE to Delete an Announced Resource 358
10.2.13.7 Procedure for AE and CSE to initiate the Creation of an Announced Attribute 358
10.2.13.8 Procedure for AE and CSE to initiate the Deletion of an Announced Attribute 359
10.2.13.9 Procedure for original resource Hosting CSE for Announcing Attributes 360
10.2.13.10 Procedure for original resource Hosting CSE for De-Announcing Attributes 361

iTeh STANDARD PREVIEW
(standards.iteh.ai)
ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-43fb7bd0a/etsi-ts-118-101-v3-22-0-2021-02

10.2.13.11 Procedure for original resource Hosting CSE for Updating Attributes 362
10.2.13.12 Notification Procedure targeting an AE Announced Resource 362
10.2.14 Semantics management 362
10.2.15 3GPP network interworking 364
10.2.15.1 Introduction 364
10.2.15.2 Create <*triggerRequest*> 364
10.2.15.3 Retrieve <*triggerRequest*> 365
10.2.15.4 Update <*triggerRequest*> 366
10.2.15.5 Delete <*triggerRequest*> 367
10.2.16 Procedure for Managing Change in AE Registration Point 367
10.2.16.1 Procedure at IN-CSE 367
10.2.16.2 Procedure at any CSE 368
10.2.17 Schedule Management 368
10.2.17.1 Introduction 368
10.2.17.2 Create <*schedule*> 368
10.2.17.3 Retrieve <*schedule*> 368
10.2.17.4 Update <*schedule*> 369
10.2.17.5 Delete <*schedule*> 369
10.2.18 Transaction Management 369
10.2.18.1 Introduction 369
10.2.18.2 Create <transactionMgmt> 375
10.2.18.3 Retrieve <*transactionMgmt*> 376
10.2.18.4 Update <*transactionMgmt*> 377
10.2.18.5 Delete <*transactionMgmt*> 377
10.2.18.6 Create <transaction> 377
10.2.18.7 Retrieve <*transaction*> 378
10.2.18.8 Update <*transaction*> 379
10.2.18.9 Delete <*transaction*> 379
10.2.19 Multimedia session management 379
10.2.19.1 Create <*multimediaSession*> 379
10.2.19.2 Retrieve <*multimediaSession*> 380
10.2.19.3 Update <*multimediaSession*> 380
10.2.19.4 Delete <*multimediaSession*> 381
10.2.20 Background Data Transfer Management 381
10.2.20.1 Introduction 381
10.2.20.2 Create <*backgroundDataTransfer*> 382
10.2.20.3 Retrieve <backgroundDataTransfer> 382
10.2.20.4 Update <backgroundDataTransfer> 382
10.2.20.5 Delete <*backgroundDataTransfer*> 383

11 Trust Enabling Architecture 383
11.0 Overview 383
11.1 Enrolling M2M Nodes and M2M Applications for oneM2M Services 384
11.2 M2M Initial Provisioning Procedures 385
11.2.1 M2M Node Enrolment and Service Provisioning 385
11.2.2 M2M Application Enrolment 386
11.3 M2M Operational Security Procedures 386
11.3.0 Overview 386
11.3.1 Identification of CSE and AE 387
11.3.2 Authentication and Security Association of CSE and AE 387
11.3.3 Void 388
11.3.4 M2M Authorization Procedure 388
11.4 Functional Architecture Specifications for End-to-End Security Procedures 389
11.4.1 Functional Architecture Specifications for End-to-End Security of Data (ESData) 389
11.4.2 Functional Architecture Specifications for End-to-End Security of Primitives (ESPrim) 390
11.4.3 Functional Architecture Specifications for Direct End-to-End Security Certificate-based Key Establishment (ESCertKE) 395
11.5 Functional Architecture Specifications for Dynamic Authorization 397
11.5.1 Dynamic Authorization Reference Model 397
11.5.2 Direct Dynamic Authorization 399
11.5.3 Indirect Dynamic Authorization 401
11.5.4 AE Authorization Relationship Update 403

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(standards.iteh.ai)
ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-6e94e5e7ad0e/etsi-ts-118-101-v3-22-0-2021-02

11.5.4.1 AE Direct Authorization Relationship Update 403
11.5.4.2 AE Indirect Authorization Relationship Update 405
11.6 Functional Architecture Specifications for Distributed Authorization 406
11.6.1 Distributed Authorization Reference Model 406
11.6.2 Interactions between Authorization Components 406

12 Information Recording 407
12.1 M2M Infrastructure Node (IN) Information Recording 407
12.1.0 Overview 407
12.1.1 Information Recording Triggers 407
12.1.2 M2M Recorded Information Elements 408
12.1.2.1 Unit of Recording 408
12.1.2.2 Information Elements within an M2M Event Record 408
12.1.3 Identities Associations in Support of Recorded Information 410
12.2 Offline Charging 410
12.2.1 Architecture 410
12.2.2 Filtering of Recorded Information for Offline Charging 411
12.2.3 Examples of Charging Scenarios 411
12.2.3.0 Overview 411
12.2.3.1 Example Charging Scenario 1 - Data Storage Resource Consumption 411
12.2.3.2 Example Charging Scenario 2 - Data transfer 411
12.2.3.3 Example Charging Scenario 3 - Connectivity 411
12.2.4 Definition of Charging Information 411
12.2.4.0 Overview 411
12.2.4.1 Triggers for Charging Information 412
12.2.4.2 Charging Messages over Mch Reference Point 412
12.2.4.3 Structure of the Accounting Message Formats 412
12.2.4.3.1 Accounting-Request Message 412
12.2.4.3.2 Accounting-Answer Message 413

Annex A (informative): Mapping of Requirements with CSFs 414

Annex B: Void 417

Annex C (informative): Interworking between oneM2M System and 3GPP2 Underlying Networks 418

C.1 General Concepts 418
C.2 M2M Communication Models 418
C.3 3GPP2 Architectural Reference Model for M2M 420
C.4 Communication between oneM2M Service Layer and 3GPP2 Underlying Network 421
C.5 Information Flows 421
C.5.0 Overview 421
C.5.1 Tsp Interface Call Flow 422
C.5.2 Point to Point Device Triggering 423
C.5.3 Broadcast Device Triggering 423

Annex D (normative): <*mgmtObj*> Resource Instances Description 424

D.1 oneM2M Management Functions 424
D.2 Resource *firmware* 424
D.3 Resource *software* 426
D.4 Resource *memory* 429
D.5 Resource *areaNwkInfo* 430
D.6 Resource areaNwkDeviceInfo 432
D.7 Resource *battery* 434

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(standards.iteh.ai)
ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/56585446-74a8-4fbe-ad4d-6a843ff7bd0a/etsi-ts-118-101-v3.22.0-2021-02

D.8 Resource *deviceInfo* 436
D.9 Resource deviceCapability 439
D.10 Resource *reboot* 441
D.11 Resource *eventLog* 443
D.12 Resource *cmdhPolicy* 444
D.12.0 Overview 444
D.12.1 Resource *activeCmdhPolicy* 447
D.12.2 Resource *cmdhDefaults* 448
D.12.3 Resource *cmdhDefEcValue* 449
D.12.4 Resource cmdhEcDefParamValues 451
D.12.5 Resource *cmdhLimits* 454
D.12.6 Resource cmdhNetworkAccessRules 456
D.12.7 Resource *cmdhNwAccessRule* 458
D.12.8 Resource *cmdhBuffer* 461

Annex E (informative): CSE Minimum Provisioning 463

Annex F (informative): Interworking/Integration of non-oneM2M solutions and protocols 464

F.1 Introduction 464
F.2 Interworking with non-oneM2M solutions through specialized interworking applications 464
F.3 Interworking versus integration of non-oneM2M solutions 467
F.4 Entity-relation representation of non-IP based M2M Area Network 467
F.4.0 Overview 467
F.4.1 Responsibilities of Interworking Proxy application Entity (IPE) 468

Annex G: Void 469

Annex H (informative): Object Identifier Based M2M Device Identifier 470

H.1 Overview of Object Identifier 470
H.2 OID Based M2M Device Identifier 470
H.2.0 Overview 470
H.2.1 M2M Device Indication ID - (higher arc) 471
H.2.2 Manufacturer ID - (x) 471
H.2.3 Model ID - (y) 471
H.2.4 Serial Number ID - (z) 471
H.2.5 Expanded ID - (a) 471
H.3 Example of M2M device ID based on OID 472

Annex I: Void 473

Annex J (normative): Syntaxes for content based discovery of <*contentInstance*> 474

J.1 Introduction 474
J.2 'jsonpath' query syntax 474

Annex K (informative): Bibliography 475

History 476

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(standards.iteh.ai)
ETSI TS 118 101 V3.22.0 (2021-02)
https://standards.iteh.ai/catalog/standards/sist/30585446-74a8-4fbe-ad4d-6a843fb7bd0a/etsi-ts-118-101-v3-22-0-2021-02

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Foreword

This Technical Specification (TS) has been produced by ETSI Partnership Project oneM2M (oneM2M).

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1 Scope

The present document describes the end-to-end oneM2M functional architecture, including the description of the functional entities and associated reference points.

oneM2M functional architecture focuses on the Service Layer aspects and takes Underlying Network-independent view of the end-to-end services. The Underlying Network is used for the transport of data and potentially for other services.

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.

Referenced documents which are not found to be publicly available in the expected location might be found at https://docbox.etsi.org/Reference/.

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

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[3] ETSI TS 118 104: "oneM2M; Service Layer Core Protocol Specification (oneM2M TS-0004)".

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[4] W3C Recommendation: "RDF 1.1 Concepts and Abstract Syntax".

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[6] ETSI TS 118 112: "oneM2M; Base Ontology (oneM2M TS-0012)".

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[11] IETF RFC 5771: "IANA Guidelines for IPv4 Multicast Address Assignments".

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[14] oneM2M TS-0034: "Semantics Support".

[15] ETSI TS 118 126: "3GPP Interworking (oneM2M TS-0026)".

[16] Void.

[17] IETF RFC 4566: "SDP: Session Description Protocol".

[18] IETF RFC 3986: "Uniform Resource Identifier (URI): Generic Syntax".