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| Agenda | |
| Meeting title: | SEC 23 F2F meeting (TP 23) |
| Chair: | Francois Ennesser |
| Secretary: | Karen Hughes, ETSI |
| Meeting Date: | 2016-05-16 to 2016-05-20 |
| Meeting Details: | Ordinary face-to-face meeting during TP23  in Seoul, South Korea |
| Intended purpose of  document: | Decision  Discussion  Information  Other <specify> |

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1 Opening of meeting

1.1 Welcome

1.2 Schedule for WG4 SEC

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| MONDAY | | |
| **Kumkang 3** | | **11:00-12:30** | **SEC Opening Session S1**  Agenda Items 7.1, 7.2 |
| **Kumkang 1 & 2** | | **15:30-17:00** | **Joint Session with ARC & PRO Jap1**  Handling of Agenda Items 5.4 / 5.5 between ARC, PRO and SEC |
| **Kumkang 4** | | **17:00-18:30** | **Drafting Session D1**  Agenda Item 5.4 (Stage 2 Finalization), 7.1 |
| TUESDAY | | |
| **Kumkang 3** | | **8:30-10:00** | **SEC Session S2**  Agenda Item 5.1, 5.2 |
| **Kumkang 1 & 2** | | **15:30-17:00** | **Joint Session with REQ Jr1**  Agenda Item 5.3 / 7.1 |
| **Kumkang 4** | | **17:00- 18:30** | **Drafting Session D2**  Agenda Item 5.1, 5.2 |
| WEDNESDAY | | |
| **Kumkang 1** | | **8:30-10:00** | **Joint Session with ARC and PRO Jap2**  Agenda Item 5.4, 5.5 |
| **Kumkang 4** | | **13:30-17:00** | **Double Drafting Session D3**  Agenda Item 5.1, 5.2 (5.4, 5.5) |
| Thursday | | |
| **Kumkang 1** | | **10:30-12:00** | **SEC Session S3**  Agenda Item 5.x, 6.x |
| **Kumkang 4** | | **13:30-15:00** | **Official Session S3bis**  Any remaining issue |
| **Kumkang 1** | | **15:30-17:00** | **Joint Session with MAS Jm1**  Agenda Item 5.6  TS-0022 and TS-0003 synchronization |
| **Kumkang 3** | | **17:00-18:30** | **Joint Session with ARC and PRO Jap3** |
| FRIDAY | | |
| **Kumkang 3** | | **8:30-10:00** | **SEC Closing Session S4**  Conclusions on Agenda Items 6.x  Any pending contributions / topics  Review of Action Points  Future meetings |

1.3 Attendees

2 Review of Agenda

Present document

3 Approval of previous Minutes and draft deliverables

* SEC 22.4 Minutes: SEC-2016-0097 agreed by Correspondence
* Draft deliverables:
  + TS-0003 Rel-1 Baseline: v1.4.1 available on portal
  + TS-0003 Rel-2 Baseline: v2.1.0 (SEC-2016-0077)
  + TS-0016 draft Baseline: v0.5.0 (in SEC-2016-0075)
  + TR-0012 draft Baseline: v0.9.0 (in SEC-2016-0076)
  + TR-0016 draft baseline: v0.6.0 (in SEC-2016-0078)
  + TR-0019 draft baseline: v0.5.0 available on portal

3 Review of Objectives for the Meeting

* Any pending Release 2 Stage 2 clarification (as needed) on TS-0003 or TS-0001
  + TBD with ARC and PRO
* Review and implement Stage 3 action plan for each Release 2 security features (to be discussed with PRO)
  + Stage 3 impact on TS-0003
  + Impact on TS-0004 and Bindings
* Addressing and removing editor’s notes from TS-0003
* Update status of TR deliverables scheduled for Release 2: TR-0008 (Rel-2), TR-0012, TR-0019, TR-0016. Move status forward toward publication according to decisions.
  + Freeze and / or approval of intended deliverables
* Start discussing Use Cases / Requirements / features for future releases, if time permits

4 Review of Action Items

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| --- | --- | --- | --- |
| REFERENCE | WHAT | WHO | STATUS |
| A-WG4-SEC22-1 | Clean-up TS-0001 for Distributed Authorization, following discussions on ARC-2016-0185R05 | All | OPEN |
| A-WG4-SEC22-2 | Clean-up TS-0003 for Role-Based Access Control, following discussions on SEC-2016-0059R01 | All | OPEN |
| A-WG4-ARC22.3 | Identify changes needed to TS-0003 to enable a single AE to register to multiple CSE, potentially using different identifiers and credentials for each CSEs (see ARC-2016-234R01)  Note: Is there anything that prevents breaking an “AE” with such requirements into several AEs, each one corresponding to only one ID/Credential? An AE is just an instantiation of a code into a process on a computing hardware. Constraining the instantiation of a code into multiple processes for such use cases could solve the issue, without introducing an additional layer of complexity in our specs. | All | OPEN |

5 Corrections and enhancements CRs (generic WIs)

5.1 Corrections / Clarifications to TS-0003 Rel-1

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5.2 Enhancements to TS-0003 (Rel-2)

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| SEC-2016-0094R02 | TS-0003 CR Role Based Access Control | Datang | | R01:Remove AppID  R02: Merge PDP and PIP in Hosting CSE (steps 6, 7) as distributed Auth is Rel-3  R03: split issuance of roles vs tokens,indicate that role definition/assignation is out of scope  R05 agreed |
| SEC-2016-0098R03 | TS-0003 CR Token Structure | Datang | | To Open first before ARC discussion  R01: Remove AppID  R04 agreed |
| SEC-2016-0065R05 | CR TS-0003 R2 Updates to MAF text | Qualcomm | | R06 agreed with editorials |
| SEC-2016-0091 | CR TS-0003 R2 Certificate Enrolment procedure call flow | Qualcomm | | Ex part of 71  R1 agreed |
| SEC-2016-0092 | CR TS-0003 Usage-constrained key derivation from Ke | Qualcomm | | Ex part of 71  R1 agreed |
| SEC-2016-0095R01 | CR TS-0003 R2 Cl 8.4 ESPrim cleanup | Qualcomm | | R02 agreed (align figure) |
| SEC-2016-0096R01 | CR TS-0003 R2 Defining E2E parameters and attributes | Qualcomm | | R01: Check availability of algos |
| SEC-2016-0099R01 | CR TS-0003 R2 ESPrim stage 3 | Qualcomm | | R02 agreed |
| SEC-2016-0100 | CR TS-0003 R2 ESData stage 3 | Qualcomm | |  |
| SEC-2016-0106R01 | CR Dynamic Authorization Cleanup | Interdigital | | agreed |
| SEC-2016-0107 | CR TS-0003 E2EKey becomes ESCertKE | Qualcomm | | *R1 agreed* |
| SEC-2016-0071R02 | CR TS-0003 Cert Enrolment core changes | | Qualcomm | R03 agreed |
| SEC-2016-0108R03 | CR Token Evaluation | Datang | | *(Extract from 94)*  *agreed* |
| SEC-2016-0109R01 | CR Clause 11 Rel-2 update | KDDI | |  |

5.3 Security related contributions affecting REQ deliverables

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| --- | --- | --- | --- |
| REQ-2016-0040 | TR-0026 Vehicle location privacy protection | Huawei |  |
| REQ-2016-0042 | CR TS-0002 Requirements coverage for Release 2 | NEC (Vice-chair) |  |
| REQ-2016-0045 (SEC-2016-0103) | Work item on requirements for a new secure element | ETSI TC SCP |  |

5.4 Security related contributions affecting ARC deliverables

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| ARC-2016-0244R02 | CR TS-00001 R2 Local-Token-IDs | Qualcomm | **Need revision** |
| ARC-2016-0245R02 | CR TS-00001 R2 cl 11.4.2 ESPrim cleanup | Qualcomm | **Need revision, don’t need name of CSEBase** |
| ARC-2016-0236R04 | CR Role and Token Resource types | Datang | **R4: Restrict permissions, clarify why roles vs Priivileges?**  **Rev AGREED in ARC** |
| ARC-2016-0231R03 | CR Role Parameter Name in Request | Datang | **R2 > Multiple or single AppID, and Roles? Structure to clarify**  **R03 AGREED** |
| ARC-2016-0232R04 | Distributed Authorization Resource types and procedures | Datang | **R3, discussed, may not need to be exposed as resource if a CSE configuration issue (does developer need API support?)** |
| ARC-2016-0233R03 | CR Access Control Policy Resource type | Datang | **R3 discussed** |
| ARC-2016-0286 | CR TS-0001 E2EKey becomes ESCertKE | Qualcomm | **(editorial) not priority** |
| ARC-2016-0285 | CR Dynamic Authorization Cleanup | Interdigital |  |
| ARC-2016-0155R03 | App-ID field for message | Fujitsu | **AppID based access control (associated to roles) could be documented for information**  **NOTED** |

5.5 Security related contributions affecting PRO deliverables

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| PRO-2016-0132R01 | ACP interpretation on Registration procedure | Fujitsu | Action M2MSS /CSE  R02: Action to fix by properly referencing TS-0003 Authentication step from TS-0001 |
| PRO-2016-0142R02 | Role Based Access Control Stage 3 | Datang | Update MemberType table for Ch. 3; Would allow multiple roles (cf Shingo Prez for creating new resce types PRO-0125); Add roleID/tokenID formats in NEW contrib., data type names to define and align for roleID/tokenID; roleID attrib + role content in CREATE request  R03 AGREED |
| PRO-2016-0143R03 | Token Based Access Control Stage 3 | Datang | Cf Notes on ARC/PRO discussion  R05 AGREED |
| PRO-2016-0179R02 | Notification for security R2 | InterDigital | Procedure in TS-3 or 4? Cleanup needed  Rev agreed in PRO |
| PRO-2016-0180R01 | R2 security related type definitions | InterDigital | Align roles (list of roleID) > R02  Rev agreed in PRO |
| PRO-2016-0154R01 | CR TS-0004 R2 Dynamic Authorization primitive parameters | Qualcomm | Add discriminator for JWx; leave DAS supported protocols to discovery; move part to TS-0003  R03 AGREED |
| PRO-2016-0183R01 | CR TS-0004 R2 E2E Security data types | Qualcomm | R02 Integer value + corrections (ARC to align R0 not RW)  R02 agreed (PRO) |
| PRO-2016-0187R01 | CR TS-0004 R2 Notify and ESPrim RAND retrieval | Qualcomm |  |
| PRO-2016-0188 | CR TS-0004 R2 Notify and ESPrim Object | Qualcomm |  |
| PRO-2016-0189R01 | CR TS-0004 R2 Notify and ESCertKE | Qualcomm |  |
| PRO-2016-0206R01 | CR TS-0004 R2 Dynamic Authorization general procedures and common operations | Qualcomm |  |
| PRO-2016-0207R01 | CR TS-0004 R2 ESPriml general procedures and common operations | Qualcomm | IR02 > add Notify Retargeting, encrypted error  Withdrawn |
| PRO-2016-0147 |  | Fujitsu | Action default ACP |
| PRO-2016-0209 | Presentation on PRO changes for E2E security and Dynamic Authorization | Qualcomm | Noted |
| PRO-2016-0217 | RoleID and tokenID data types definition | Qualcomm | Agreed |
| PRO-2016-0218 |  | Qualcomm |  |
| PRO-2016-0136 | RSC for AppID required | Fujitsu | Cf ARC-155R03  noted |

5.6 Security related contributions affecting MAS deliverables

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| MAS-2016-0128 | CR TR-0007 Access Control for semantic query on semantic repository | China Unicom |  |
| MAS-2016-0132 | DevConfig CR flexContainer | Fujitsu | withdrawn |
| MAS-2016-0133 | DevConfig CR data types | Fujitsu | withdrawn |
| MAS-2016-0134 | DevConfig NodeEnrolmentProc | Fujitsu | withdrawn |
| MAS-2016-0086R02 | CR DevCfg MgmtObj | Fujitsu | Rev expected |
| MAS-2016-0131R02 | CR DevCfg Introduction | Fujitsu | Rev expected |

5.7 Security related contributions affecting TST deliverables

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| TST-2016-0091 /  SEC-2016-0104 | Test Suite Structure and Test Purposes from TS-0003 v1.4.2 | Easy Global Market | Joint Teleconference |

**6 Contributions to existing WIs**

6.1 TR-0012 / WI 0016 Group Authentication and End-to-End Security

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| SEC-2016-0101 | CR TR-0012 Release 2 E2E Security and Rationale | Qualcomm |  |
| SEC-2016-0102 | CR TR-0012 reorganizing clauses etc. | China Mobile |  |
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6.2 TR-0016 / WI 0023 Authorization Architecture and Policies

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| SEC-2016-0086R01 | CR TR-0016 Conclusion | Datang |  |
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6.3 TR-0019 / WI 0019 Dynamic Authorization for IoT

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6.4 TS-0016 / WI 0021 Secure Environment Abstraction

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6.5 TR-0008 Release 2 oneM2M Threat Analysis

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6.6 Release 2 Privacy Profiles interoperability

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**7 Other contributions**

7.1 Liaisons, New Work Items and revisions of Work Items

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| SEC-2016-0103 (REQ-2016-0045, TP-2016-0110) | Work Item on Requirements for a new secure element | ETSI TC SCP | François to centralize reply |
| TP-2016-0101 | LS about GSMA IoT Security Guidelines | GSMA | Colin to centralize reply |

7.2 Other contributions for discussion

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| SEC-2016-0088R02 | Stage 3 plan for Dynamic Authorization | Qualcomm | Joint > Local/global tokenID need new contrib; 142, 143, 154R01, 206 |
| SEC-2016-0O89R03 | Stage 3 plan for Security use of Notification | Qualcomm | Joint > SecInfo param 179, 180, 187, 188, 189 (IDCC/Qcom) |
| SEC-2016-0087R03 | Stage 3 plan for E2E security | Qualcomm | Joint > 183R1, 207 are big PRO part |
| SEC-2016-0081R02 | Overview of E2E Security TS-0003 CRs | Qualcomm |  |
| SEC-2016-0093 | Certificate Enrolment – Proposals for Stage 3 and Demo | BT Group |  |
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8 Planning for next Meeting(s)

Organization of e-mail discussion threads

Next Conference Calls

Next Face-to-Face

9 Any other business

10 Closure of meeting