Title:

3GPP2 TSG-S WG1 AND OMA REQ WG WORKSHOP - 22 MARCH 2004

Source:

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Abstract:

This contribution summarizes the activities of the joint workshop between 3GPP2 TSG-S WG1 and OMA REQ WG held at the Sprint campus in Overland Park, KS on 22 March 2004.

Recommendation:

FYI.

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On 22 March 2004, a joint workshop of the 3GPP2 TSG-S WG1 and the OMA REQ WG was held at the Sprint campus in Overland Park, KS.

1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order by Workshop Co-Chairs, Soumitra Das (Motorola) and Kevin Holley (O2), at 1:10 PM local time.

   The meeting attendees introduced themselves and their affiliation. All attendees also signed in on a hardcopy sign-in sheet.

   The meeting objectives were reviewed and approved without objection as they were identified in the agenda (001).

   The detailed meeting agenda (001) was also review and approved as modified by the discussion (001R1)

2. OVERVIEW OF REQUIREMENTS PROCESSES:

   - A contribution regarding 3GPP2 Stage-1 Requirements Development Process (002) was presented as FYI for the workshop.
   - The OMA REQ WG Chair, Kevin Holley (O2), presented a verbal summary of OMA RD development processes as a comparison to the 3GPP2 presentation:
     - OMA develops RDs, not Stage 1s.
     - RDs are usually developed with the OMA REQ WG but may be developed by one (1) of the technical WGs with the support of the REQ WG. RDs must be approved by the OMA TP.
     - OMA develops an AD that is similar to the 3GPP2 Stage 2. AD work may begin prior to the completion of the RD.
     - A complete OMA specification package is defined in the OMA Enabler package.
     - 3GPP2 has three (3) technical working groups (i.e., C = air interface, A = RAN, and X = core network). The OMA technical WGs are application/service enabler based and there are currently 15 technical WGs in force.

3. REVIEW OF INTERWORKING PROCESSES TO SUPPORT SHARED WORK PROJECTS: No contributions - discussion deferred.

4. POTENTIAL SHARED WORK PROJECTS

   - A contribution regarding 3GPP2 Requirements Development Projects of Interest to OMA (003) was presented and reviewed. In conjunction with that discussion, the 3GPP2 Publication Numbering Guidelines (011) was also noted as FYI.

     Potential shared work projects (requirements development only) included the following:

     - BCMCS

- IM
- Presence
- MMS
- Location
- PoC
- IOTA DM
- NFCC (Network Firewall Configuration and Control)

During this discussion, the group noted that there may be more that one (1) way to interwork on requirements development projects. These different interworking styles/modes must be documents for the understanding of all parties.

- A contribution regarding OMA Public Work Summary dated 5 January 2004 (008) was presented. This contribution summarized OMA activities by OMA WG plus a listing of common service enablers that cross WG boundaries.
- A contribution regarding the OMA PoC RD (010) was presented. Since this has already been shared with 3GPP2 as a part of the ongoing LSs related to the development of these requirements, this contribution was noted as FYI.
- A contribution regarding IMS-MMD in OMA (004) was presented. This contribution documented the conclusions and recommendations of an OMA report on the usage of 3GPP/3GPP2 IMS. OMA actions are currently being initiated under an IMS WI in OMA. The OMA work was characterized as leveraging the IMS work of 3GPP and 3GPP2.
- A contribution regarding OMA Presence Enabled Messaging Specifications (005) was presented. OMA views Presence as an enabler for other applications including IM. Multi-player games, active phone book, etc.
- A contribution regarding Secure User Plane Location (007) was presented. However, since this contribution was indicated to be an AT&T Wireless presentation that was both confidential and proprietary, the contribution was not reviewed in detail. The OMA REQ WG Chair, Kevin Holley (O2), summarized the contribution as being a project to standardize “tags” that are used for the MS to transmit its location to a 3rd party.
- A contribution regarding Digital Rights Management (DRM) (006) was presented. OMA DRM v1 includes three (3) levels of functionality:
  - “Forward Lock” prevents content from leaving device
  - “Combined Delivery” adds rights definition
  - “Separate Delivery” provides content encryption and supports legitimate viral distribution

OMA DRM v2 adds:

- Security
  - Rights object and content encryption key encrypted using device's public key to bind to target device
  - Integrity protection for content and rights object added to reduce risk of tampering
- Trust
  - Mutual authentication between device and rights issuer
  - Rights issuer can accurately identify device to determine revocation status
- Support for a wide variety of distribution and payment use cases

- A contribution regarding Multimodal and Multi-device Services (009) was presented. The discussion noted that this develop has been passed from the OMA REQ WG to the OMA BAC WG. The multimodal value proposition was indicated as follows:
  - Easily enter and access data using small devices
  - Choose the interaction mode that suits the task and situation
  - Reliable access
  - Uses several devices in combination
  - In the future, conversational extension can also be supported

5. CROSS-DEPENDENCIES BETWEEN OMA AND 3GPP2

- In a verbal statement by the 3GPP2 TSG-S WG1 Chair, Soumitra Das (Motorola), 3GPP2 indicated that there were no currently 3GPP2 published document that include the results of 3GPP2/OMA collaboration. However, the liaison relationship is very active in the joint development of requirements documents.
- An overview of 3GPP2/OMA Interdependencies was submitted to both groups by Sprint and is still under discussion.

6. WORKSHOP OUTPUTS AND FUTURE COORDINATION

- The workshop developed the following list of requirements development activities that are or may be considered as joint work projects:
  - Items that both 3GPP2 and OMA are currently working on:
    - Joint work in Process
      - MMS
      - PoC
      - Presence

- Location Services
- IOTA-DM
- DRM
- Joint work under consideration
  - IMS/MMD as it relates for results of “IMS in OMA” work
  - Immediate Messaging
  - Group Management
- Items that may be considered for joint work in the future:
  - BCMCS
  - Network Firewall Configuration and Control (NFCC)
  - Network Identity
  - Charging
  - Multimodal Services
  - M-Commerce
  - Policy Enforcement and Management
- Interworking processes being considered as 3GPP2/OMA guidelines include the following:
  - OMA develops network independent requirements that may then be used as a primary driver for the development of network dependent requirements in 3GPP2. Whenever OMA believes that network dependent issues are identified, these issues are communicated to 3GPP2 for timely resolution. One (1) example of this type of interworking is PoC.
  - In the cases where there are no access dependent requirements, 3GPP2 will simply reference OMA requirements as necessary. One (1) example of this type of interworking is DRM.
  - Variations to these models may need to be considered on a case-by-case basis.

Both 3GPP2 and OMA will take these items to their parent organizations for review and endorsement.

- CLOSING REMARKS/ADJUSTMENTS: The Co-Chairs thanked everyone for their participation.

The meeting was adjourned at 5:58 PM local time.

The contributions that were presented at this meeting included then following:

NUMBER	SUBJECT	SOURCE
001	MEETING OBJECTIVES AGENDA	CO-CHAIRS
002	3GPP2 Stage 1 requirements process	3GPP2
003	3GPP2 Requirements Development Projects of Interest to OMA	3GPP2
004	IMS/MMD in OMA	OMA
005	Presence Enabled Messaging Specifications	OMA
006	Digital Rights Management	OMA
007	Secure User Plane Location	
008	OMA Public Work Summary	OMA
009	Multimodal and Multi-device Services	OMA
010	Presentation of PoC RD	OMA
011	3GPP2 Publication Numbering Guidelines	3GPP2
012	Potential interworking projects	WORKSHOP DEVELOPED

The meeting attendees included the following:

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