

LIAISON STATEMENT

Title: Liaison on Areas of Collaboration between Open Mobile Alliance DM and TCG TMS

Date: 1 June 2015

From: TCG Trusted Mobility Solutions WG

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To: Open Mobile Alliance DM

Contacts:

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Response To: See above TCG TMS contacts

Actions Requested: Yes. Please see the Actions Section of this LS.

Attachments: None

Greetings,

TCG Trusted Mobility Solutions (TMS) WG sends its greetings to Open Mobile Alliance Device Management WG. The purpose of this Liaison Statement is to start formal collaboration between OMA DM and TCG TMS in the following areas of mutual interest:

1. OMA DM for mobile device identity attestation - current technologies
 - CPU serial number, TCG TPM Identity, IEEE 802.11AR, etc.
 - OMA DM transport over LWM2M (DTLS over SMS) – initial attachment to serving network (i.e., before IP connectivity)
 - OMA DM transport over TLS/TCP/IP – ongoing device reporting (using IP connectivity)

2. OMA DM for mobile device provisioning - current & future technologies
 - firmware/software update - current
 - application CPU firmware and OS
 - radio CPU firmware and OS
 - application installation and configuration
 - security component provisioning – future (ideas that need exploration)
 - TCG TPM (Trusted Platform Module – hardware root-of-trust) provisioning - ownership, keys, certificates, etc.
 - TCG TSS (Trusted Software Stack – application interface to TPM) provisioning – templates, CA and other server URI, timeouts, etc.
 - TCG TNC Client (Trusted Network Connect – integrity reporting) provisioning - software update
 - TCG SED (Self-Encrypting Drive – secure storage) provisioning – ownership, keys, etc.

3. OMA DM for mobile device integrity reporting – current & future technologies
 - system component version reporting – current
 - firmware, software versions
 - security component reporting – future (ideas that need exploration)
 - OMA DM encapsulation of TCG TNC – for antivirus and firewall version reporting
 - OMA DM encapsulation of TCG TNC – for operational status reporting of security components

4. TCG TNC binding over OMA LWM2M - future technologies
 - IETF NEA TNC re-encoded in IETF CBOR (RFC 7049) – future (ideas that need exploration)
 - TCG TNC WG and TMS WG volunteers serve as editors for new IETF standards – OMA review and contributions appreciated
 - IETF NEA TNC transport over OMA LWM2M – future (ideas that need exploration)
 - TCG TNC WG and TMS WG volunteers serve as editors for new IETF standards – OMA review and contributions appreciated

Actions: TCG TMS WG kindly requests OMA DM to analyze the proposed areas of collaboration and reply with their comments. In addition, TCG TMS WG would like to propose a series of teleconferences with OMA DM to discuss potential areas of mutual interest. TCG TMS WG would appreciate OMA DM commitment to participate in this proposed collaboration.