

MOBILE CONTENT SECURITY REQUIREMENTS FOR OMA DRM V2 ENABLED TERMINALS



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Overview

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Background

- Why
 - Need to protect and control consumption of digital content
 - Use of open standard still leaves room for differences in implementations
 - Need to align DRMv2 requirements to limit fragmentation leading to different user experience and interoperability issues.



AIM

- A set of agreed device requirements that will help operators and device manufacturers deploying OMA DRM v2 to achieve consistent, secure and user friendly implementations to support DRM-based content download service which includes peer-to-sharing across devices.

AIM

- Focus on open standard, i.e. OMA DRMv2
- Focus on the most relevant use cases to ensure a deliverable in a short timeline.
- Build on work done by GSMA DRM group



AIM

- This document does not:
 - Provide a complete set of detailed functional requirements
 - Replace individual operators specification, requirements and quality control levels for devices
 - Contractually bind device manufacturers
 - In any way modify the OMA DRM v2 specification
- This document is no endorsement of OMTP for the OMA DRM solution.

SCOPE

- Support of key use cases:
 - Download, play and storage
 - Installation
 - Subscription
 - Progressive download
 - Content sharing between connected devices
 - superdistribution with rewarding
 - domain model content sharing
 - Provisioning of Rights Objects in the SIM/USIM card
- Ensure security and usability

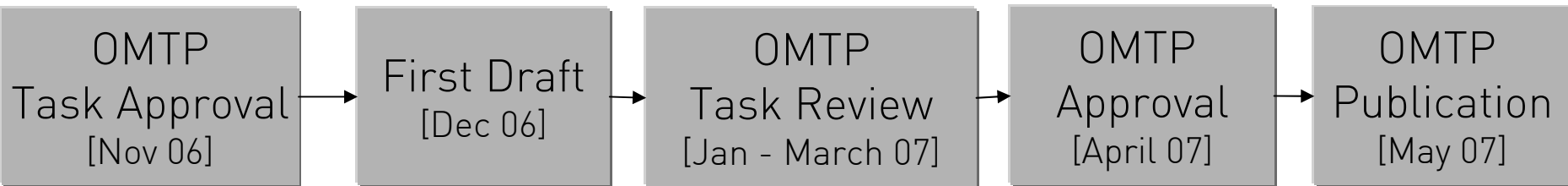


Usability

- Usability as one key success factors for adoption
- Implementations shall respect the following usability principles:
 - Users shall be aware of DRM but it should be as intuitive as possible.
 - Users should only see DRM prompts that are absolutely necessary.
 - The user experience on different domain devices shall be similar.
 - Users shall be able to distinguish between different products (ringtones vs. full track)
- Utilize GSMA Usability Findings



APPROACH



Outcome

- A (soon to be) publicly available document summarizing key requirements for OMA DRM v2 enabled devices

www.omtp.org

- Support by key operators and vendors
- Agreement to share with relevant bodies: OMA, GSMA, TCG etc.



Next Steps

- Further related OMTP activities pending on
 - Completion of OMA SRM specifications
 - Desire to focus on use cases not covered yet
 - Further input by members/public



Interaction with OMA

- Document builds on work done by OMA on
 - OMA DRMv2 specifications
 - OMA SRM
- Any input from OMA is welcome
- Further promotion of the outcome

