

CHANGE REQUEST

Title: LWM2M Lock and Wipe Object

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To: DM LightweightM2M

Doc to Change: OMA-TS-LWM2M_LockWipe-V1_0-20140604-D

Submission Date: 14 July 2014

Classification: 0: New Functionality
1: Major Change
2: Bug Fix
3: Editorial

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Replaces: n/a

1. Reason for Change

This document proposes an initial baseline for the lock&wipe object.

2. Impact on Other Specifications

None

3. Intellectual Property Rights

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4. Recommendation

DM WG to review and comment on this CR

5. Detailed Change Proposal

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Section 5

5 LWM2M Object: Lock and Wipe

LWM2M Object: Lock and Wipe

Description

This LWM2M objects provides the resources needed to perform the lock and wipe operations.

Object definition

Name	Object ID	Instances	Mandatory	Object URN
Lock and Wipe		Single	Optional	

Resource definitions

ID	Name	Operations	Instances	Mandatory	Type	Range or Enumeration	Units	Description
0	State	R, W	Single	Mandatory	Integer	0-1		State of the device: 0: locked state To render the device inoperable from unauthorized usage. 1: unlocked state Normal operation.
1	Lock target	W	Multiple	Optional	String			To specify one or several targets for the lock operation. This allows partially locking the device by selecting specific components or interfaces to be locked.
2	Wipe	E	Single	Mandatory				To permanently erase data from the device.
3	Wipe target	W	Multiple	Optional	String			To specify one or several targets for the wipe operation. This allows selecting specific data, or, memory areas for the wipe operation.
4	Wipe Operation Result	R	Single	Mandatory	Integer	0-6		Contains the result of a lock and wipe operation

								0: Default
								1: Lock operation successful
								2: Unlock operation successful
								3: Wipe operation successful
								4: Lock operation failed
								5: Unlock operation failed
								6: Wipe operation failed
								This Resource MAY be reported by sending Observe operation.

Lock and Wipe Considerations

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