# OCF “Dubai” – Handling of "deviceuuid" in RESET and RFOTM is misleading/wrong – Security WG CR 2577

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**Make the following changes:**

## 8.1 Device Onboarding-Reset State Definition

The /pstat.dos.s = RESET state is defined as a "hard" reset to manufacturer defaults. Hard reset also defines a state where the Device asset is ready to be transferred to another party.

The Platform manufacturer should provide a physical mechanism (e.g. button) that forces Platform reset. All Devices hosted on the same Platform transition their Device states to RESET when the Platform reset is asserted.

The following Resources and their specific properties shall have the value as specified.

1) The owned Property of the /oic/sec/doxm Resource shall transition to FALSE.
2) The devowneruuid Property of the /oic/sec/doxm Resource shall be nil UUID.
3) The devowner Property of the /oic/sec/doxm Resource shall be nil UUID, if this Property is implemented.
4) The deviceuuid Property of the /oic/sec/doxm Resource shall be set to the manufacturer default value.
5) The deviceid Property of the /oic/sec/doxm Resource shall be reset to the manufacturer's default value, if this Property is implemented.
6) The sct Property of the /oic/sec/doxm Resource shall be reset to the manufacturer's default value.
7) The oxmsel Property of the /oic/sec/doxm Resource shall be reset to the manufacturer's default value.
8) The isop Property of the /oic/sec/pstat Resource shall be FALSE.
9) The dos Property of the /oic/sec/pstat Resource shall be updated: dos.s shall equal "RESET" state and dos.p shall equal "FALSE".
10) The cm (current provisioning mode) Property of the /oic/sec/pstat Resource shall be "00000001".
11) The tm (target provisioning mode) Property of the /oic/sec/pstat Resource shall be "00000010".
12) The om (operational modes) Property of the /oic/sec/pstat Resource shall be set to the manufacturer default value.
13) The sm (supported operational modes) Property of the /oic/sec/pstat Resource shall be set to the manufacturer default value.
14) The rowneruuid Property of /oic/sec/pstat, /oic/sec/doxm, /oic/sec/acl, /oic/sec/amacl, /oic/sec/sacl, and /oic/sec/cred Resources shall be nil UUID.

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## 8.2 Device Ready-for-OTM State Definition

The following Resources and their specific properties shall have the value as specified for an operational Device that is ready for ownership transfer

1) The owned Property of the /oic/sec/doxm Resource shall be FALSE and will transition to TRUE.
2) The devowner Property of the /oic/sec/doxm Resource shall be nil UUID, if this Property is implemented.
3) The devowneruuid Property of the /oic/sec/doxm Resource shall be nil UUID.
4) The deviceid Property of the /oic/sec/doxm Resource may be nil UUID, if this Property is implemented. The value of the di Property in /oic/d is undefined.
5) The deviceuuid Property of the /oic/sec/doxm Resource shall be set to the manufacturer default value.
6) The isop Property of the /oic/sec/pstat Resource shall be FALSE.
7) The dos of the /oic/sec/pstat Resource shall be updated: dos.s shall equal "RFOTM" state and dos.p shall equal "FALSE".
8) The cm Property of the /oic/sec/pstat Resource shall be "XXXXXX10".
9) The tm Property of the /oic/sec/pstat shall be "XXXXXX00".
10) The /oic/sec/cred Resource shall contain credential(s) if required by the selected OTM

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