

OCF “Essen” – Device Types for security-related entities – Security WG CR 2763

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START OF CHANGE

Provisioning other services

To be able to support the use of potentially different device management service hosts, each Device Secure Virtual Resource (SVR) has an associated Resource owner identified in the Resource's rowneruuid Property.

The DOTS shall update the rowneruuid Property of the "/oic/sec/doxm" and "/oic/sec/pstat" resources with the DOTS resource owner identifier. The DOTS shall only do so, if the OCF Device, which hosts DOTS has "oic.d.dots" value in "rt" Property of its "oic/d" Resource. The DOTS shall expose "oic.d.dots" value in "rt" Property of its "oic/d" Resource.

The DOTS shall update the rowneruuid Property of the "/oic/sec/cred" resource with the CMS resource owner identifier. The DOTS shall only do so, if the OCF Device, which hosts CMS has "oic.d.cms" value in "rt" Property of its "oic/d" Resource. The CMS shall expose "oic.d.cms" value in "rt" Property of its "oic/d" Resource.

The DOTS shall update the rowneruuid Property of the "/oic/sec/acl2" resource with the AMS resource owner identifier. The DOTS shall only do so, if the OCF Device, which hosts AMS has "oic.d.ams" value in "rt" Property of its "oic/d" Resource. The AMS shall expose "oic.d.ams" value in "rt" Property of its "oic/d" Resource.

When these OCF Services are configured, the Device may proactively request provisioning and verify provisioning requests are authorized. The DOTS shall provision credentials that enable secure connections between OCF Services and the new Device. The DOTS may initiate client-directed provisioning by signaling the OCF Service. The DOTS may initiate server-directed provisioning by setting tm Property of the "/oic/sec/pstat" Resource.

END OF CHANGE