OCF “Ipanema++” – Allow Unsecure Endpoints in the SSM case – Core Technology WG CR 3471

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9 Security

A Device shall implement the mandated Security Virtual Resources specified in the Error! Reference source not found.. Additionally, all exposed Error! Reference source not found. defined Resources shall be accessible via at least one secure Endpoint. A Device shall not expose Error! Reference source not found. defined Resources using unsecured Endpoints. For the purposes of this document a secure Endpoint is one that either uses a scheme locator of "coaps" or "coaps+tcp" in the "eps" Parameter exposed by "/oic/res", or one that provides a Simple Secure Multicast address in the "eps" Parameter exposed by "/oic/res" (see Error! Reference source not found.).

With the exception of those Resources related to Discovery that are explicitly identified by the Error! Reference source not found. as not requiring secured access (see Error! Reference source not found. clause 11.2.3), all other Resources defined in Error! Reference source not found. implemented in the Device shall be accessible via at least one secure Endpoint (i.e. use of a "coaps" or "coaps+tcp" scheme locator within the "eps" Parameter exposed by "/oic/res"). Similarly, any Resources defined in Error! Reference source not found. that do not require unsecured access that are not listed in "/oic/res" shall also be accessible via "coaps" or "coaps+tcp".