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| Input Contribution |
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1. **Introduction**

This contribution proposes to add profile statement into the implementation conformance statement. The profile statement then can be used to check what profiles the SUT supports and what not supports.

## -----------------------Start of change 1----------------------------------------

A.5 Tables

A.5.5 Profile Statement

A list of profile information is presented in this section. Each profile consists of fundamental and extendable feature set. Fundamental feature sets of one profile are features that SUT has to implement when SUT supports this profile. i.e. when one profile is checked by SUT in the ICS, it implicitly indicates all fundamental features associated with this profile are supported by the SUT.

A.5.5.1 Fundamental features Statement

A list of profiles for both AE and CSE is presented in Table A.5.5.1. 1. Please note that if any profile listed in Table A.5.5.1. 1 is checked for support, it implicitly indicates all fundamental features associated with that profile are supported by the SUT.

Table A.5.5.1. 1 Profile Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Profile Identifier** | **Reference** | **Condition** | **Support** |
| 1 | Constrained sensor as ADN | [6] 7.2.3 | C.1 | O Yes O No |
| 2 | Constrained actuator as ADN | [6] 7.3.3 | C.1 | O Yes O No |
| 3 | ADN Profile 3 | [6] 7.4.3 | C.1 | O Yes O No |
| 4 | ADN Profile 4 | [6] 7.5.3 | C.1 | O Yes O No |
| 5 | IN Profile | [6] 7.6.3 | C.1 | O Yes O No |
|  | *TBD* | *TBD* |  |  |

C.1: The IUT shall be explicitly declared at least one profile listed as above per testing session.

*Editor’s Note: Reference [6] TS-0025 will be added to Normative Reference section.*

A.5.5.2 Extendable features Statement

Extendable features are optional for implementation and it’s up to manufacture to choose one or more feature set to implement. Table A.5.5.2.1 shows an example of extendable features of ADN profile 4.

Table A.5.5.2. 1 Extendable Feature Information

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Profile Identifier** | **Feature set Identifier** | **Feature Identifier** | **Reference** | **Condition** | **Support** |
| 1 | Constrained sensor as ADN | AE/REG/00002 | AE/REG/00002/00001 | [6] 7.2.4 | C.1 | O Yes O No |
| 2 | AE/REG/00002/00002 | [6] 7.2.4 | C.1 | O Yes O No |
| 3 | AE/REG/00002/00003 | [6] 7.2.4 | C.1 | O Yes O No |
| 4 | AE/REG/00002/00004 | [6] 7.2.4 | C.1 | O Yes O No |
| 5 | AE/REG/00002/00005 | [6] 7.2.4 | C.1 | O Yes O No |
| 6 | AE/DMR/00001 | AE/DMR/00001/00001 | [6] 7.2.4 | C.1 | O Yes O No |
| 7 | AE/DMR/00001/00002 | [6] 7.2.4 | C.1 | O Yes O No |
| 8 | AE/DMR/00001/00003 | [6] 7.2.4 | C.1 | O Yes O No |
| 9 | AE/DMR/00001/00004 | [6] 7.2.4 | C.1 | O Yes O No |
| 10 | AE/DMR/00001/00005 | [6] 7.2.4 | C.1 | O Yes O No |
| 11 | AE/DMR/00001/00006 | [6] 7.2.4 | C.1 | O Yes O No |
| 12 | AE/DMR/00001/00007 | [6] 7.2.4 | C.1 | O Yes O No |
| 13 | AE/DMR/00001/00008 | [6] 7.2.4 | C.1 | O Yes O No |
| 14 | AE/DMR/00002 | AE/DMR/00002/00002 | [6] 7.2.4 | C.1 | O Yes O No |
| 15 | AE/DMR/00002/00003 | [6] 7.2.4 | C.1 | O Yes O No |
| 16 | AE/DMR/00002/00004 | [6] 7.2.4 | C.1 | O Yes O No |
| 17 | AE/DMR/00002/00005 | [6] 7.2.4 | C.1 | O Yes O No |
| 18 | AE/DMR/00002/00006 | [6] 7.2.4 | C.1 | O Yes O No |
| 19 | AE/DMR/00002/00007 | [6] 7.2.4 | C.1 | O Yes O No |
| 20 | Constrained actuator as ADN | *TBD* | *TBD* | [6] 7.3.4 | C.1 | O Yes O No |
| 21 | ADN Profile 3 | *TBD* | *TBD* | [6] 7.4.4 | C.1 | O Yes O No |
| 22 | ADN Profile 4 | *TBD* | *TBD* | [6] 7.5.4 | C.1 | O Yes O No |
| 23 | IN Profile | CE/DIS/00001 | CE/DIS/00001/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 25 | IN Profile | CE/DIS/00001/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 26 | IN Profile | CE/DIS/00001/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 27 | IN Profile | CE/DIS/00001/00004 | [6] 7.6.4 | C.1 | O Yes O No |
| 28 | IN Profile | CE/DIS/00001/00005 | [6] 7.6.4 | C.1 | O Yes O No |
| 29 | IN Profile | CE/GMG/00001 | CE/GMG/00001/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 30 | IN Profile | CE/GMG/00001/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 31 | IN Profile | CE/GMG/00001/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 32 | IN Profile | CE/GMG/00001/00004 | [6] 7.6.4 | C.1 | O Yes O No |
| 33 | IN Profile | CE/GMG/00002 | CE/GMG/00002/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 34 | IN Profile | CE/GMG/00002/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 35 | IN Profile | CE/GMG/00002/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 36 | IN Profile | CE/GMG/00003 | CE/GMG/00003/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 37 | IN Profile | CE/GMG/00003/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 38 | IN Profile | CE/GMG/00003/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 39 | IN Profile | CE/GMG/00003/00004 | [6] 7.6.4 | C.1 | O Yes O No |
| 40 | IN Profile | CE/GMG/00003/00005 | [6] 7.6.4 | C.1 | O Yes O No |
| 41 | IN Profile | CE/DMG/00001 | CE/DMG/00001/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 42 | IN Profile | CE/DMG/00001/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 43 | IN Profile | CE/DMG/00001/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 44 | IN Profile | CE/DMG/00002 | CE/DMG/00002/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 45 | IN Profile | CE/DMG/00002/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 46 | IN Profile | CE/DMG/00002/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 47 | IN Profile | CE/DMG/00002/00004 | [6] 7.6.4 | C.1 | O Yes O No |
| 48 | IN Profile | CE/DMG/00003 | CE/DMG/00003/00001 | [6] 7.6.4 | C.1 | O Yes O No |
| 49 | IN Profile | CE/DMG/00003/00002 | [6] 7.6.4 | C.1 | O Yes O No |
| 50 | IN Profile | CE/DMG/00003/00003 | [6] 7.6.4 | C.1 | O Yes O No |
| 51 | IN Profile | CE/DMG/00003/00004 | [6] 7.6.4 | C.1 | O Yes O No |
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