Solution to redmine 5142 sAss4 Ed2Amd1 TP1.1

Jan 20, 2022

Verify the server accepts Associate request from a client that only provides ServicesSupportedCalling "conclude"

Detailed: (changes in blue)

|  |  |  |
| --- | --- | --- |
| **sAss4** | **MMS Associate Support** | Passed  Failed  Inconclusive |
| IEC 61850-7-2 Subclause 8.3.2.2  IEC 61850-8-1 Subclause 10.2.2 and PICS  PIXIT: As7  ISO/IEC 9506-1:2003 and ISO/IEC 9506-2:2003 | | |
| Expected result  1. DUT sends negotiatedLocalDetail less than proposed value (the maximum PDU size, PIXIT), NestingLevel=(see Note 1), negotiatedParameterCBB=(see Note 2), and servicesSupportedCalled according to PICS and ISO/IEC 9506  2. DUT sends negotiatedLocalDetail equal as proposed value, NestingLevel=(see Note 1), negotiatedParameterCBB same as step 1, and servicesSupportedCalled same as expected result step 1  3. DUT either refuses the connection or responds negotiatedParameterCBB same as step1 but without vnam and servicesSupportedCalled same as expected result step 1  4. DUT sends initiate response+ | | |
| Test description  1.  Client sends MMS Initiate Request with localDetailCalling=100MB, NestingLevel=15, proposedParameterCBBs=(str1, str2, vnam, valt, vlis) and ServiceSupportCalling=(fileOpen, fileRead, fileClose, informationReport, conclude)  2. Client sends MMS Initiate Request with localDetailCalling=<minimum PDU size, (see PIXIT), NestingLevel=15, proposedParameterCBBs=(str1, str2, vnam, valt, vlis) and ServiceSupportCalling=(fileOpen, fileRead, fileClose, informationReport, conclude)  3. Client sends MMS Initiate Request with localDetailCalling=2000, NestingLevel=1, ProposedParameterCBBs=(str1, str2, valt, vlis), and ServiceSupportCalling=(fileOpen, fileRead, fileClose, informationReport, conclude)  4. Client sends MMS Initiate Request with localDetailCalling=16000, NestingLevel=15, ProposedParameterCBBs=(str1, str2, vnam, valt, vlis), and ServiceSupportCalling=(conclude) | | |
| Comment  Note 1: Nesting level must be >= 0 If PICS S8 (GetDataValues) is declared then nesting level must be >= 5 If data model contains and Data Objects with CDC CMV then nesting level must be >= 6  Note 2: The negotiatedParameterCBB shall be the intersection of the CBBs supported by the Server and those specified by the ProposedParameterCBB negotiatedParameterCBB str1 is required if the server has arrays in the data model negotiatedParameterCBB str2 and valt are required if PICS S8 (GetDataValues) is declared negotiatedParameterCBB vnam is required if PICS S8 (GetDataValues) is declared and ProposedParameterCBB vnam is present negotiatedParameterCBB vlis is required if PICS S16 (GetDataSetDirectory) is declared | | |