Solution to redmine 6697

### sRpN9 does not specify the expected access error by negative response on SetURCBValues

Feb 20, 2024

Basing on IEC 61850-7-2 Annex E (new in amd1) the current expected result of SetURCBValues without reservation (step 4 and 5) is: DUT sends SetURCBValues response-

Basing on IEC 61850-8-1 SetURCBValues mapping to MMS Write it is the case "an object for which the MMS Client does not have access privileges". Thus, the expected result: DUT sends SetURCBValues response- with data access error “object-access-denied”

Agreed to allow data access error "temporarily unavailable" or "object access denied"

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| **sRpN9** | **Enable a free URCB without reservation** | Passed  Failed  Inconclusive |
| IEC 61850-7-2 Annex E  IEC 61850-8-1 Subclause 17.2 | | |
| Expected result   1. DUT sends SetURCBValues response+ 2. DUT sends SetURCBValues response+ 3. DUT sends a GetURCBValues response+, the parameter Resv = False 4. DUT sends SetURCBValues response- with data access error “temporarily-unavailable” or "object-access-denied" 5. DUT sends SetURCBValues response- with data access error “temporarily-unavailable” or "object-access- denied" | | |
| Test description  1. Client reserves, configures and enables an available URCB  2. Client disables and resets the reservation of the URCB  3. Client requests GetURCBValues on the URCB  4. Client configures the URCB without reservation  5. Client enables the URCB | | |
| Comment | | |