Abstract

* sSvs16 Verify that the DUT process sampled values with quality test is true when the device is in test, and ignores such values when device is not in test

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| **sSvs16** | **Verify that the DUT process sampled values with quality test is true when the device is in test, and ignores such values when device is not in test** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61850-7-4 Annex A  PIXIT Sr5, Svs1a | | |
| Expected result  2. and 5. DUT does not process the test samples flagged values with quality test true. Verify according to PIXIT that the samples are NOT consumed.  Other steps. DUT processes the samples according to PIXIT | | |
| Test description  Force DUT into Mode = on  1. SIMULATOR publishes SV stream with samples flagged quality test false  2. SIMULATOR publishes SV stream with samples flagged quality test true  3. SIMULATOR publishes SV stream with samples flagged quality test false  Force DUT into Mode = blocked (when supported)  4. SIMULATOR publishes SV stream with samples flagged quality test false  5. SIMULATOR publishes SV stream with samples flagged quality test true  6. SIMULATOR publishes SV stream with samples flagged quality test false  Force DUT into Mode = test (when supported)  7. SIMULATOR publishes SV stream with samples flagged quality test false  8. SIMULATOR publishes SV stream with samples flagged quality test true  9. SIMULATOR publishes SV stream with samples flagged quality test false  Force DUT into Mode = test/blocked (when supported)  10. SIMULATOR publishes SV stream with samples flagged quality test false  11. SIMULATOR publishes SV stream with samples flagged quality test true  12. SIMULATOR publishes SV stream with samples flagged quality test false | | |
| Comment | | |

Add to certificate as mandatory

Add to table A4.2 as mandatory

Abstract

* sGos23 Verify that the DUT process GOOSE data values with quality test is true when the device is in test, and ignores such values when device is not in test

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| **sGos23** | **Verify that the DUT process GOOSE data values with quality test is true when the device is in test, and ignores such values when device is not in test** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61850-7-4 Annex A  PIXIT Sr5, new PIXIT entry | | |
| Expected result  2. and 5. DUT processes the data value flagged with quality test true as described in the PIXIT (for instance: keep last non test value, substitute to a configured value, ...)  Other steps. DUT updates the value and sends a GOOSE message with the changed value | | |
| Test description  Test engineer configures the DUT with subscribed GOOSE with FCDA (ping-pong mechanism)  Force the subscriber Logical Node into Beh = on  1. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  2. SIMULATOR publishes GOOSE message with changed data values flagged quality test true  3. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  Force the subscriber Logical Node into Beh = blocked (when supported)  4. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  5. SIMULATOR publishes GOOSE message with changed data values flagged quality test true  6. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  Force the subscriber Logical Node into Beh = test (when supported)  7. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  8. SIMULATOR publishes GOOSE message with changed data values flagged quality test true  9. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  Force the subscriber Logical Node into Beh = test/blocked (when supported)  10. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  11. SIMULATOR publishes GOOSE message with changed data values flagged quality test true  12. SIMULATOR publishes GOOSE message with changed data values flagged quality test false  . | | |
| Comment | | |

Add to certificate as mandatory

Add to table A4.2 as mandatory

Add PIXIT entry:

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| Gs12 | Amd1 | How does the subscriber handle incoming data flagged as test when the destination LN.Beh is On or Blocked?  Is this behavior: | For example:  keep last non test value, substitute to a configured value  etc.  fixed/configurable |