

DICOM Correction Proposal

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| Person Assigned | Wim Corbijn van Willenswaard |
| Submitter Name | Nikhilesh Sonar, nikhilesh.sonar@philips.com Wim Corbijn van Willenswaard, wim.corbijn.van.willenswaard@philips.com |
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| Correction Number | CP-1551 |
| Log Summary: | Resolve discrepancy in SOP Class multiplicity for ATNA messages |
| Name of Standard | PS 15 |
| Rationale for Correction: | <p>The current manner in which the Defined terms for the ParticipantObjectIDTypeCode field is represented–</p> <p style="text-align: center;">12 = URI(110182, DCM, "Node ID") = Node Identifier</p> <p>is highly ambiguous, as when you read the description of Value Constrains for ParticipantObjectID it is made clear that it defines two different terms for URI and Node ID. Therefore the two need to be separated into different lines.</p> <p>Furthermore the ParticipantObjectIDTypeCode is expected to be a CodedValueType and should be appropriately defined as (12, RFC-3881, "URI") or (110037, DCM, "URI") [Table CID 405. Media Type Code].</p> |
| Correction Wording: | |

Item #1: Modify PS3.15 Table A.5.3.11-1. Change of Defined Terms for the ParticipantObjectIDTypeCode

Table A.5.3.11-1. Audit Message for Security Alert

| Real World Entities | Field Name | Opt. | Value Constraints |
|---|--------------------------------|------|--|
| ... | | | |
| Participating Object: Alert Subject (0..N) | ParticipantObjectTypeCode | M | Shall be: 2 = system |
| | ParticipantObjectTypeCodeRole | U | Defined Terms: 5 = master file 13 = security resource |
| | ParticipantObjectDataLifeCycle | U | not specialized |
| | ParticipantObjectIDTypeCode | M | Defined Terms: 12 = URI EV (12, RFC-3881, "URI") or EV(110037, DCM, "URI") |

| Real World Entities | Field Name | Opt. | Value Constraints |
|---------------------|------------------------------|------|---|
| | | | <u>EV</u> (110182, DCM, "Node ID") = Node Identifier |
| | ParticipantObjectSensitivity | U | not specialized |
| | ParticipantObjectID | M | For a ParticipantObjectIDTypeCode of 12 (URI), then this value shall be the URI of the file or other resource that is the subject of the alert. For a ParticipantObjectIDTypeCode of (110182, DCM, "Node ID") then the value shall include the identity of the node that is the subject of the alert either in the form ofnode_name@domain_nameor as an IP address. Otherwise, the value shall be an identifier of the type specified by ParticipantObjectIDTypeCode of the subject of the alert. |
| | ParticipantObjectName | U | not specialized |
| | ParticipantObjectQuery | U | not specialized |
| | ParticipantObjectDetail | M | An element with the Attribute "type" equal to "Alert Description" shall be present with a free text description of the nature of the alert as the value |
| | ParticipantObjectDescription | U | not specialized |
| | SOPClass | U | See Table A.5.2-1 |
| | Accession | U | not specialized |
| | NumberOfInstances | U | not specialized |
| | Instances | U | not specialized |
| | Encrypted | U | not specialized |
| | Anonymized | U | not specialized |