

DICOM Correction Proposal

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Correction Number	CP-1551
Log Summary: Resolve discrepancy in Defined Terms for ParticipantObjectTypeCode in ATNA messages	
Name of Standard	PS3.15, PS3.16 2019a
Rationale for Correction: The current manner in which the Defined terms for the ParticipantObjectTypeCode field is represented– 12 = URI(110182, DCM, "Node ID") = Node Identifier is highly ambiguous, as when you read the description of Value Constraints 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. Furthermore, the ParticipantObjectTypeCode is expected to be a CodedValueType and should be appropriately defined as (12, RFC3881, "URI") or (110037, DCM, "URI") [Table CID 405. Media Type Code].	
Correction Wording:	

<i>Item #1: Add PS3.16 Coding Scheme for RFC3881:</i>

Table 8-1. Coding Schemes

Coding Scheme Designator (0008,0102)	Coding Scheme UID (0008,010C)	Coding Scheme Name (0008,0115)	Coding Scheme Responsible Organization (0008,0116)	Coding Scheme Resources Sequence (0008,0109) Type: URL	Description
<u>RFC-3881</u>		<u>RFC 3881</u>	<u>IETF</u>	<u>DOC:</u> <u>http://tools.ietf.org/html/rfc3881</u>	<u>[RFC 3881]. Security Audit and Access Accountability Message - XML Data Definitions for Healthcare Applications</u> <u>Note</u> <u>A hyphen is used in the Coding Scheme Designator for consistency with historical use in IHE. See IHE ITI TF Vol2a. Section 3.20.7.1.3.</u>

Item #2: Modify PS3.15 Table A.5.3.2-1 and Table A.5.3.11-1. Change of Defined Terms for the ParticipantObjectIDTypeCode:

Table A.5.3.2-1. Audit Log Used Message

Real World Entities	Field Name	Opt.	Value Constraints
...
Participating Object: Identity of the audit log (1)	ParticipantObjectTypeCode	M	Shall be: 2 = system
	ParticipantObjectTypeCodeRole	M	Shall be: 13 = security resource
	ParticipantObjectDataLifeCycle	U	not specialized
	ParticipantObjectIDTypeCode	M	Shall be: 12 = URI <u>Shall be: EV (12, RFC-3881, "URI")</u>
	ParticipantObjectSensitivity	U	not specialized

Real World Entities	Field Name	Opt.	Value Constraints
	ParticipantObjectID	M	The URI of the audit log

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 DT (12, RFC-3881, "URI") <u>DT</u> (110182, DCM, "Node ID") = Node Identifier
	ParticipantObjectSensitivity	U	not specialized
	ParticipantObjectID	M	For a ParticipantObjectIDTypeCode of 12 (URI) <u>(12, RFC-3881, "URI")</u> , 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.