

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE  
WASHINGTON, DC 20511

2014-0098

MEMORANDUM FOR: Distribution

SUBJECT: Technical Soundness Approval of Technical Specifications

REFERENCES:

- A. Intelligence Community Directive 500, *Director of National Security Chief Information Officer*, 7 August 08
- B. Intelligence Community Standard 500-20, *Intelligence Community Enterprise Standards Compliance*, 16 December 10
- C. Intelligence Community Information Technology Enterprise, Increment 1, Implementation Plan, 17 July 12

Director of National Intelligence (DNI) policy guidance calls upon the Intelligence Community Chief Information Officer (IC CIO) to establish, coordinate and promulgate common Information Technology (IT) standards, protocols and interfaces for and within the IC required to support information sharing strategies; intelligence mission objectives established in relevant law, policy and directives; and the IC information Technology Enterprise (IC ITE). The Office of the IC CIO facilitates IC-wide collaboration and coordination fora charged with adoption, modification, development and governance of IC technical specifications of common concern. Under IC CIO authority, the chair of the IC CIO-sponsored governance forum responsible for developing these specifications has determined that the following Intelligence Community Technical Specification is technically sound, supportive of the IC mission objectives and the IC ITE, and is approved for use as of the date of this memorandum:

- 1) XML Data Encoding Specification for Enterprise Audit Exchange V7 (AUDIT.XML.V7) – This version consolidated event elements down to basic types and addressed several community change requests.
- 2) XML CVE Encoding Specification for Authority Categories V1 (AUTHCAT.XML.V1) – This new specification provides guidance for using XML to encode Authority Categories controlled vocabulary.
- 3) XML Data Encoding Specification for Community Shared Resources Technical Specification Profiles V1 (CSR.XML.V1) – This new specification provides guidance for Community Shared Resources to sub-set the large possible combinations of specification versions.
- 4) REST and SOAP Service Encoding Specification for Content Discovery and Retrieval Deliver V2 (CDR-Rest.V2 and CDR-VSoap.V2) – This version adds DIL features.
- 5) XML Data Encoding Specification for Document and Media Exploitation V2 (DOMEX.XML.V2) – This version adopts IC-GENC and incorporates changes resulting from the DOMEX metadata standards pilot effort.

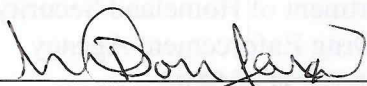
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- 6) XML CVE Encoding Specification for Fine Access Control V1 (FAC.XML.V1) – This new specification provides guidance for using XML to encode Fine Access Control controlled vocabulary.
- 7) Data Encoding Specification for IC Full Serve Directory Schema V3 (FSD.XML.V3) – This version was updated to comply with technical amendment to ICS 500-13.
- 8) XML CVE Encoding Specification for Geopolitical Entities, Names, and Codes V1 (GENC.XML.V1) – This new specification provides guidance for using XML to encode GENC data.
- 9) XML Data Encoding Specification for Information Resource Metadata V12 (IRM.XML.V12) – This version incorporates GENC for country codes and implements the DNI Negroponte Revision/Recall Memorandum.
- 10) XML Data Encoding Specification for Information Security Marking Metadata V13 (ISM.XML.V13) – This version mandates attribute compliesWith to be specified on all resource nodes.
- 11) Access Control Encoding Specification for Information Security Markings V2 (ISM.ACES.V2) – This version contains additional SCI controls and updated CVEs. Contents were sorted but these changes are hidden in the diff files to allow the differences in wording to be highlighted. Having the diff show the sorting would have made the wording changes impossible to see in the diff view.
- 12) XML CVE Encoding Specification for ISM Country Codes and Tetragraphs V2 (ISM-CAT.XML.V2) – This version updated Country Codes to the latest version of GENC.
- 13) XML REST Interface and SOAP Data Encoding Specification for Content Discovery and Retrieval Manage V1 (RM.XML.V1 and SM.XML.V1) – This new specification defines requirements and provides guidelines for the realization of the CDR Manage Component as a RESTful web service or using the SOAP style binding. The content of this specification describes the Manage Service's behavior, interface and other aspects in detail, providing enough information for Manage Service providers and consumers to create and use CDR-conformant Manage Services.
- 14) XML Data Encoding Specification for PROPIN Need-To-Know V1 (PROPIN-NTK.XML.V1) – This new specification provides guidance for using XML to encode PROPIN-NTK data.
- 15) Access Control Encoding Specification for PROPIN Need-to-Know V1 (PROPIN-NTK-ACES.ACES.V1) – This new specification provides guidance for providing access to PROPIN-NTK-ACES data.
- 16) REST and SOAP Data Encoding Specification for Content Discovery and Retrieval Query Management V2 (RQM.XML.V2 and SQM.XML.V2) – This version is structured as a profile of CDR Manage.
- 17) XML Data Encoding Specification for Revision Recall V1 (RevRecall.XML.V1) – This new specification provides guidance for using XML to encode Revision Recall data fully implementing the DNI Negroponte memo on Revision Recall and supporting IC ITEs requirements.
- 18) IC Enterprise Attribute Exchange Between IC Attribute Services Unified Identity Attribute Set V3.1 (UIAS.XML.V3.1) – This version updates controlled vocabulary pointers and clarified operational usage.

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- 19) Web Service Security Guidance for Use of XML Signature and XML Encryption V1 (WSS-SIGENC.V1) – This new specification provides guidance on how to minimize the risks and vulnerabilities with the use of XML Signature and XML Encryption.

This Technical Specification is approved for submission to the IC Enterprise Standards Baseline which services as the collection of enterprise standards against which programs will be assessed for IC Enterprise Architecture compliance. It can be accessed at <http://go.ic.gov/fJetiT> and <http://go.ic.gov/BE5SRu> on Intelink-TS and <http://purl.org/IC/Standards/data-specs> and <http://purl.org/IC/Standards/service-specs> on Intelink-U.



Susan D. Jaxel  
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Office of the IC CIO

27 March 2014

Date

Attachment:

1. IC Technical Specification Mapping to IC/DoD Guidance



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	AUDIT	AUTHCAT-CES	CDR-Deliver	CDR-Query_Mgt	CSR	DOMEX	FAC-CES	FSD	IC-GENC	IRM	ISM	ISM-ACES	ISM-CAT-CES	Manage	PROPIN-NTK	PROPIN-NTK-ACES	RevRecall	UAS	WSS-SIGENC
200 Series:			X	X										X					
Joint IC/DoD Memorandum, IC and DoD Commitment to an Interoperable Service-Based Environment (13 Jul 07)																			
300 Series:																			
Intelligence Community Directive (ICD) 206, Sourcing Requirements for Disseminated Analytic Products									X	X									
Intelligence Community Directive (ICD) 208, Write for Maximum Utility							X		X	X	X	X	X						
Intelligence Community Directive (ICD) 209, Tearline Production and Dissemination							X		X	X	X	X	X						
Intelligence Community Policy Memorandum (ICPM) 2007-200-2, Preparing Intelligence to Meet the Intelligence Community's Responsibility to Provide					X		X		X	X	X	X	X						
300 Series:																			
Intelligence Community Directive (ICD) 302, Document and Media Exploitation						X													
700 Series:																			
Intelligence Community Directive (ICD) 710, Classification and Control Markings System							X				X	X	X						
Intelligence Community Policy Guidance (ICPG) 710.1, Application of Dissemination Controls, Originator Control							X				X	X	X						
Memorandums:																			
Memorandum for Distribution, Signed by Negroponte, August 05, 2005																	X		
DoD Directives:																			
Department of Defense Directive Number 3300.03, DoD Document and Media Exploitation (DOMEX)						X													