

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE
WASHINGTON, DC 20511

2016-0271

MEMORANDUM FOR: Distribution

SUBJECT: Technical Soundness Approval of Technical Specifications

REFERENCES:

- A. (U) Intelligence Community Directive 500, *Director of National Security Chief Information Officer*, 7 August 2008
- B. (U) Intelligence Community Standard 500-20, *Intelligence Community Enterprise Standards Compliance*, 16 December 2010
- C. (U) Intelligence Community Information Technology Enterprise, Increment 1, Implementation Plan, 17 July 2012

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 Specifications are technically sound, supportive of the IC mission objectives and the IC ITE, and were approved for use as of the date of this memorandum:

- 1) XML Data Encoding Specification for Enterprise Audit Exchange V2016-SEP (AUDIT.XML.V2016-SEP) – This version includes updates coordinated through the ICAS and the Audit Developer's Forum.
- 2) XML Data Encoding Specification for Community Shared Resources Technical Specification Profiles V2016-SEP (CSR.XML.V2016-SEP) – This version includes updates to profiles to use other specifications updated for 2016-SEP.
- 3) XML Data Encoding Specification for Enterprise Data Header V2016-SEP (EDH.XML.V2016-SEP) – This version is the first step to harmonize IC-EDH with NSA EDH.
- 4) Data Encoding Specification for IC Full Service Directory Schema V2016-SEP (FSD.XML.V2016-SEP) – This version incorporates references to external CVEs.
- 5) XML CVE Encoding Specification for Geopolitical Entities, Names, and Codes V2016-SEP (GENC.XML.V2016-SEP) – This version includes updates to comply with GENC standard, Edition 3 Update 2.
- 6) XML CVE Encoding Specification for Intelligence Discipline V2016-SEP (INTDIS.XML.V2016-SEP) – This version incorporates subdiscipline and techniques from IRM.

SUBJECT: Technical Soundness Approval of IC Technical Specifications

- 7) XML Data Encoding Specification for Information Resource Metadata V2016-SEP (IRM.XML.V2016-SEP) – This version includes updates to external CVEs and utilizes GENC subdivision codes.
- 8) XML Data Encoding Specification for Information Security Markings V2016-SEP (ISM.XML.V2016-SEP) – This version includes updates to utilize CATT in rollup validation processes.
- 9) Access Control Encoding Specification for Information Security Markings V2016-SEP (ISM.ACES.XML.V2016-SEP) – This version is updated to include new UIAS attributes and includes updates based on CATT and USAgency.
- 10) XML CVE Encoding Specification for ISM Country Codes and Tetragraphs V2016-SEP (ISM.CAT.XML.V2016-SEP) – This version includes updates to country memberships for tetragraphs published by ODNI/Partner Engagement.
- 11) XML Data Encoding Specification for Multi Audience Collection V2016-SEP (MAC.XML.V2016-SEP) – This version was updated to use new MIME CVE encoding specification.
- 12) XML CVE Encoding Specification for Media Type V2016-SEP (MIME.XML.V2016-SEP) – This new specification defines a controlled vocabulary for media types.
- 13) Taxonomy Encoding Specification for Mission Need Taxonomy V2016-SEP (MNT.XML.V2016-SEP) – This version includes updates to values published by DDII.
- 14) Access Control Encoding Specification for Need-To-Know V2016-SEP (NTK.ACES.XML.V2016-SEP) – This version was updated to include new UIAS attributes.
- 15) XML CVE Encoding Specification for Production Metrics V2016-SEP (PM.XML.V2016-SEP) – This updated version includes changes for nonstate actors.
- 16) XML Data Encoding Specification for Intelligence Publications V2016-SEP (PUBS.XML.V2016-SEP) – This updated version removes references to abstract rules.
- 17) IC Enterprise Attribute Exchange Between IC Attribute Services Unified Identity Attribute Set V2016-SEP (UIAS.XML.V2016-SEP) – This updated version added new attributes in support of IC ITE and merged in three CVE encoding specifications.
- 18) XML CVE Encoding Specification for US Agency Acronyms V2016-SEP (USAgency.XML.V2016-SEP) – This updated version added a taxonomy and merged in the USGovAgency CVE encoding specification.

These Technical Specifications are 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. They can be accessed at <http://go.ic.gov/RxSUraG> on Intelink-TS and <http://www.w3id.org/ic/standards/final> on Intelink-U.

SUBJECT: Technical Soundness Approval of IC Technical Specifications

Within 30 business days of this memo's signature, IC elements shall deliver to the IC CIO a Plan of Action and Milestones (POA&M) for implementing the Technical Specifications listed herein. This information will be used to inform forthcoming IC Enterprise Standards Baseline decisions regarding emerging and mandatory status for each new Technical Specification version, as well as provide insight into version retirement and support plans.



Susan T. Dorr
Director, Information Assurance Division and
Intelligence Community Chief Information Security Officer

19 Oct 2016

Date

Attachment:

(U) IC Technical Specification Mapping to IC/DoD Guidance

Distribution:

IC CIO
IC CIO/ME
IC CIO/SP
IC CIO/IA
IC CIO/SCC

External Distribution:

Chief Information Officer, Central Intelligence Agency
Chief Information Officer, Defense Intelligence Agency
Chief Information Officer, Federal Bureau of Investigation
Chief Information Officer, National Geospatial-Intelligence Agency
Chief Information Officer, National Reconnaissance Office
Chief Information Officer, National Security Agency
Chief Information Officer, Drug Enforcement Agency, Office of National Security Intelligence
Chief Information Officer, Department of Energy Intelligence
Chief Information Officer, Department of Homeland Security, Office of Intelligence & Analysis
Chief Information Officer, Department of State, Bureau of Intelligence and Research
Chief Information Officer, Department of Treasury
Deputy Chief of Staff for Intelligence, U.S. Army
Director of Intelligence, U.S. Coast Guard
Director of Naval Intelligence
Deputy Chief of Staff for Intelligence, Air and Space Operations, U.S. Air Force
Director of Intelligence, U.S. Marine Corps
Assistant Secretary of Defense for Networks and Information Integration/Chief Information Officer, U.S. Department of Defense
Under Secretary of Defense for Intelligence