NATO STANDARD

ADatP-34

NATO Interoperability Standards and Profiles

Volume 3

Candidate Interoperability Standards and Profiles

Edition O Version 2

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NORTH ATLANTIC TREATY ORGANIZATION
ALLIED DATA PUBLICATION

NATO LETTER OF PROMULGATION

The enclosed Allied Data Publication ADatP-34, Edition O, Version 2 NATO Interoperability Standards and Profiles, which has been approved by the nations in the C3B, is promulgated herewith. The agreement of nations to use this publication is recorded in STANAG 5524.

ADatP-34, Edition O, Version 2 is effective on receipt.

This publication shall be handled in accordance with C-M(2002)60.

Dimitrios SIGOULAKIS
Major General, GRC (A)
Director, NATO Standardization Office

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RESERVED FOR NATIONAL LETTER OF PROMULGATION

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RECORD OF RESERVATIONS

CHAPTER	RECORD OF RESERVATION BY NATIONS

Note: The reservations listed on this page include only those that were recorded at time of promulgation and may not be complete. Refer to the NATO Standardization Document Database for the complete list of existing reservations.

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RECORD OF SPECIFIC RESERVATIONS

[nation]	[detail of reservation]
Note: The reservations listed on this page include only those that were recorded at time of promulgation and may not be complete. Refer to the NATO Standardization Document Database for the complete list of existing reservations.	

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CHAPTER 1. STANDARDS

1.1. INTRODUCTION

001. The purpose of this chapter is to specify the candidate NISP standards. The document organizes these standards, following baseline 3.1 NATO's C3 Taxonomy, as endorsed by the NATO C3 Board per AC/322-D(2019)0034-AS1(INV) on 26 August 2019. A graphical representation of this taxonomy is included in volume 1.

002. For some standards it was not clear yet which service identified in the C3 Taxonomy should be used. Therefore, as an interim solution, the taxonomy was extended with e.g. user-defined "Cloud Services". In a separate section, all standards are listed for which could not yet be defined how they should be linked to the C3 Taxonomy.

003. The standards are presented in tabular form. Each table represent a subtree from the C3 taxonomy and each table line (marked in bold and spanning all columns in the table) represents a taxonomy node from the subtree. Under each taxonomy node title, all standards which are mapped to the node are listed with the following attributes: title of the standard; where possible, a link to the standard; publication number of the standard; a list of all the capability profiles where the standard is used; and finally the "responsible party" which is the domain expert that advises NATO about the standard. In general, a taxonomy node is only listed if at least one standard is assigned to this taxonomy node.

004. When STANAG X Ed Y is in ratification process, this is indicated by STANAG (RD) X Ed Y, and when it is a study draft, this is indicated by STANAG (Study) X Ed Y.

1.1.1. Releasability Statement

005. In principle, NISP only contains or references standards or related documents, which are generally available for NATO/NATO member nations/CCEB.

1.2. USER APPLICATIONS

Title	Pubnum	Profiles	Responsible Party
User Applications			
Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types	IETF RFC 2046:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Uniform Resource Identifiers (URI): Generic Syntax	IETF RFC 3986:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
The application/json Media Type for JavaScript Object Notation (JSON)	IETF RFC 4627:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
PATCH Method for HTTP	IETF RFC 5789:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The OAuth 2.0 Authorization Framework: Bearer Token Usage	IETF RFC 6750:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing	IETF RFC 7230:2014	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content	IETF RFC 7231:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests	IETF RFC 7232:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Range Requests	IETF RFC 7233:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Caching	IETF RFC 7234:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Media Types	IETF RFC 7303:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The JavaScript Object Notation (JSON) Data Interchange Format	IETF RFC 8259:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OAuth 2.0 Authorization Server Metadata	IETF RFC 8414:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT

Title	Pubnum	Profiles	Responsible Party
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
Web Services Brokered Notification Ver 1.3	OASIS WS-BrokeredNotification:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
OASIS SAML V2.0 Metadata Interoperability Profile	OASIS SAML V2.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
WS-BaseNotification	OASIS ws-notif:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
WS-Topics 1.3	OASIS wsn-ws_topics-1.3-spec-os:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Web Services Resource Properties	OASIS WS-ResourceProperties Ver 1.2:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Services Security SAML Token Profile Ver 1.1.1	OASIS WSS SAML Token Profile Ver 1.1.1:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Web Services Security: SOAP Message Security 1.1	OASIS wss-v1.1-spec-os-SOAPMessageSecurity:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Web Services Addressing 1.0 - Core	W3C WS-Addressing 1.0 - Core:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Service Description Language (WSDL) 1.1	W3C WSDL 1.1:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XHTML™ 1.0 in XML Schema	W3C XHTML 1.0 in XML Schema:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SOAP Version 1.2 Part 1: Messaging Framework	W3C REC-soap12-part1-20030624:2007	PROPOSED-FMN5, FMN5-20221202	NCIA

Title	Pubnum	Profiles	Responsible Party
eXtensible Markup Language (XML) 1.0 (Fifth Edition)	W3C XML 1.0 (Fith Edition):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Signature Syntax and Processing Version 1.1	W3C REC-xmldsig-core1-20130411:2013	PROPOSED-FMN5, FMN5-20221202	NCIA
XML Schema Part 1: Structures Second Edition	W3C XML Schema Part 1: Structures Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Schema Part 2: Datatypes Second Edition	W3C XML Schema Part 1: Datatypes Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Basic Security Profile Version 1.1	WS-I Basic Security Profile 1.1:2010	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
WS-I Basic Profile 2.0	WS-I wsbp:2010	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Communication and Collaboration Applications			
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Defense Gridded Elevation Data (DGED) Product Implementation Profile	DIGWG DGIWG-250:2020	FMN5-20221202	FMN CPWG
ESRI Shapefile Technical Description	ESRI shapefile:1998	PROPOSED-FMN5, FMN5-20221202	AMN TMO
XML Schema of the Geodatabase	ESRI XML Schema of the Geodatabase:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Extensible Messaging and Presence Protocol (XMPP): Core	IETF RFC 6120:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence	IETF RFC 6121:2011	PROPOSED-FMN5, FMN5-20221202	NCIA

Title	Pubnum	Profiles	Responsible Party
Extensible Messaging and Presence Protocol (XMPP): Address Format	IETF RFC 6122:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2004	FMN5-20221202	NCIA/JISR
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2019	PROPOSED-FMN5	NCIA/JISR
Performance Specification - Digital Terrain Elevation Data	MIL-STD PRF-89020B:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
NATO Geospatial Information Framework	NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
GeoTIFF Raster Format Specification in a NATO Environment	NATO AGeoP-11.3 Ed A Ver 1:2018	FMN5-20221202	MC, MCJSB, JGS
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
NATO Joint Military Symbology	NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Vector Smart Map (VMAP) Level 1	US DoD MIL-PRF-89033:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Compressed ARC Digitized Raster Graphics (ADRG)	NGA MIL-PRF-89038:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Vector Smart Map (VMAP) Level 0	US DoD MIL-PRF-89039:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Raster Product Format	NGA MIL-STD-2411:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3:2006	PROPOSED-FMN5	FMN CPWG
GML in JPEG 2000 for Geographic Imagery Encoding	OGC 08-085r8:2018	FMN5-20221202	FMN CPWG
XEP-0004: Data Forms (2020/05)	XMPP XEP-0004 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0012: Last Activity	XMPP XEP-0012:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0030: Service Discovery (2017/10)	XMPP XEP-0030 (2017/10):2017	FMN5-20221202	FMN CPWG
XEP-0045: Multi-User Chat (2019/05)	XMPP XEP-0045 (2019/05):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0054: vcard-temp	XMPP XEP-0054:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0060: Publish-Subscribe (2020/02)	XMPP XEP-0060 (2020/02):2020	FMN5-20221202	FMN CPWG
XEP-0068: Field Standardization for Data Forms	XMPP XEP-0068:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0106: JID Escaping	XMPP XEP-0106:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0115: Entity Capabilities (2020/05)	XMPP XEP-0115 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
XEP-0122: Data Forms Validation	XMPP XEP-0122:2004	FMN5-20221202	NCIA
XEP-0141: Data Forms Layout	XMPP XEP-0141:2005	FMN5-20221202	NCIA
XEP-0160: Best Practices for Handling Offline Messages (2016/01)	XMPP XEP-0160 (2016/01):2016	FMN5-20221202	FMN CPWG
XEP-0160: Best Practices for Handling Offline Messages (2016/10)	XMPP XEP-0160 (2016/10):2016	PROPOSED-FMN5	FMN CPWG
XEP-0199: XMPP Ping (2009/06)	XMPP XEP-0199 (2009/06):2009	FMN5-20221202	NCIA
XEP-0199: XMPP Ping (2019/03)	XMPP XEP-0199 (2019/03):2019	PROPOSED-FMN5	NCIA
XEP-0202: Entity Time	XMPP XEP-0202:2009	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0203: Delayed Delivery	XMPP XEP-0203:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0220: Server Dialback (2015/03)	XMPP XEP-0220 (2015/03):2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0346: Form Discovery and Publishing	XMPP XEP-0346:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

1.3. TECHNICAL SERVICES

006. The "Technical Services" include those services required to enable "User Applications". They are part of the "Back-End Capabilities" while "User Applications" are part of "User-Facing Capabilities".

007. According to the C3 Taxonomy, they consist of "Community Of Interest (COI) Services", "Core Services" and "Communications Services". The complete collection of Technical Services is sometimes referred to as the "Technical Services Framework" (TSF) or "NNEC Services Framework" (NSF).

008. In addition to the "Technical Services" identified in the C3 Taxonomy, a taxonomy layer "Cloud Computing" has been added. This enables a more useful categorization of cloud-based standards (currently only included as candidate standards).

1.3.1. Community Of Interest (COI) Services

Title	Pubnum	Profiles	Responsible Party
Intelligence and ISR Functional Services			
Representation of Names of Languages Part 2: Alpha-3	ISO 639-2:1998	FMN5-20221202	NCIA/Sstrat/Sea
Information technology -- Metadata registries (MDR) -- Part 3: Registry metamodel and basic attributes	ISO/IEC 11179-3:2013	FMN5-20221202	FMN CPWG
Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF)	ISO/IEC 12087-5:1998	FMN5-20221202	FMN CPWG
Technical Corrigendum 1 to International Standard ISO/IEC 12087-5:1998	ISO/IEC 12087-5-cor1:2001	FMN5-20221202	FMN CPWG
Technical Corrigendum 2 to International Standard ISO/IEC 12087-5:1998	ISO/IEC 12087-5-cor2:2002	FMN5-20221202	FMN CPWG
Information technology -- Open Distributed Processing -- Interface Definition Language	ISO/IEC 14750:1999	FMN5-20221202	FMN CPWG
NATO Secondary Imagery Format (NSIF) STANAG 4545 Implementation Guide	NATO AEDP-04 Ed 2 Ver 1:2013 / STANAG 4545 Ed 2	FMN5-20221202	CNAD, AC/224 NAFAG, JCGISR
NATO Ground Moving Target Indicator (GMTI) Format STANAG 4607 Implementation Guide	NATO AEDP-07 Ed 2 Ver 1:2010 / STANAG 4607 Ed 3	FMN5-20221202	FMN CPWG
NATO Standard ISR Library Interface	NATO AEDP-17 Ed A Ver 1:2018 / STANAG 4559 Ed 4	FMN5-20221202	CNAD, AC/224 NAFAG, JCGISR
NATO Standard ISR Streaming Services	NATO AEDP-18 Ed A Ver 1:2018 / STANAG 4559 Ed 4	FMN5-20221202	CNAD, AC/224

Title	Pubnum	Profiles	Responsible Party
			NAFAG, JCGISR
Interoperability Standard for Joint Range Extension Application Protocol (JREAP)[1]	NATO ATDLP-5.18 Ed B Ver 2:2019 / STANAG FT 5518 Ed 4	FMN5-20221202	C3B CaP1 TDL CaT
Joint C3 Information Exchange Data Model Baseline 3.1.4	NATO JC3IEDM Baseline 3.1.4:2012	FMN5-20221202	C3B CaP1 DM CaT
US Motion Imagery Standards Board (MISB) - Motion Imagimary Standards Profile-2015.1	NATO NNSTD MISP-2015.1:2016 / STANAG 4609 Ed 4	FMN5-20221202	FMN CPWG
ISR Exploitation Services			
NATO Ground Moving Target Indicator (GMTI) Format STANAG 4607 Implementation Guide	NATO AEDP-07 Ed 2 Ver 1:2010 / STANAG 4607 Ed 3	FMN5-20221202	FMN CPWG
NATO Standard ISR Streaming Services	NATO AEDP-18 Ed A Ver 1:2018 / STANAG 4559 Ed 4	FMN5-20221202	CNAD, AC/224 NAFAG, JCGISR
Interoperability Standard for Joint Range Extension Application Protocol (JREAP)[1]	NATO ATDLP-5.18 Ed B Ver 2:2019 / STANAG FT 5518 Ed 4	FMN5-20221202	C3B CaP1 TDL CaT
US Motion Imagery Standards Board (MISB) - Motion Imagimary Standards Profile-2015.1	NATO NNSTD MISP-2015.1:2016 / STANAG 4609 Ed 4	FMN5-20221202	FMN CPWG
Land Domain Services			
MIP4 Information Exchange Specification 4.3	MIP MIP 4.3 IES:2020	FMN5-20221202	FMN CPWG
Web Service Messaging Profile (WSMP)	NATO ADatP-5644 (FD) Ed A Ver 1 / STANAG 5644 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Air Domain Services			
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT

Title	Pubnum	Profiles	Responsible Party
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Recognized Maritime Picture Services			
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
NATO Core Metadata Specification	NATO ADatP-5636 Ed A Ver 1:2022 / STANAG 5636 Ed 1	PROPOSED-FMN5	C3B CaP1 DM CaT
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Over-The-Horizon Targeting Gold baseline 2007	US DoD OTH-T Gold Baseline 2007:2007	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Situational Awareness Services			
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
		FMN5-20221202	
MIP4 Information Exchange Specification 4.3	MIP MIP 4.3 IES:2020	FMN5-20221202	FMN CPWG
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT

Title	Pubnum	Profiles	Responsible Party
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP2
Web Service Messaging Profile (WSMP)	NATO ADatP-5644 (FD) Ed A Ver 1 / STANAG 5644 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Specifications Defining The Joint Dismounted Soldier System Interoperability Network (JDSSIN) - Security	NATO AEP-76 Vol I Ed A Ver 2:2017 / STANAG 4677 Ed 1	FMN5-20221202	CNAD, AC/225 NAAG, LCGDSS
Specifications Defining the Joint Dismounted Soldier System Interoperability Network (JDSSIN) - Data Model	NATO AEP-76 Vol II Ed A Ver 2:2017 / STANAG 4677 Ed 1	FMN5-20221202	CNAD, AC/225 NAAG, LCGDSS
Specifications Defining the Joint Dismounted Soldier System Interoperability Network (JDSSIN) - LOANED RADIO	NATO AEP-76 Vol III Ed A Ver 2:2017 / STANAG 4677 Ed 1	FMN5-20221202	CNAD, AC/225 NAAG, LCGDSS
Specifications Defining the Joint Dismounted Soldier System Interoperability Network (JDSSIN) - Information Exchange Mechanism	NATO AEP-76 Vol IV Ed A Ver 2:2017 / STANAG 4677 Ed 1	FMN5-20221202	CNAD, AC/225 NAAG, LCGDSS
Specifications Defining the Joint Dismounted Soldier System Interoperability Network (JDSSIN) - Network Access	NATO AEP-76 Vol V Ed A Ver 2:2017 / STANAG 4677 Ed 1	FMN5-20221202	CNAD, AC/225 NAAG, LCGDSS
NATO Joint Military Symbology	NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
NATO Message Catalogue	NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Dismounted Soldier Systems Standards And Protocols for Command, Control, Communications and Computers (C4) Interoperability (DSS C4 Interoperability)	NATO STANAG 4677 Ed 1:2014	FMN5-20221202	FMN CPWG
Recognized Picture Services			

Title	Pubnum	Profiles	Responsible Party
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
NATO Joint Military Symbology	NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Symbology Services			
NATO Vector Graphics Specification post version 2.0.2, to be issued 1Q2023	NATO ADatP-4733 Ed A Ver 1 / STANAG (Study) 4733 Ed 1	BSP	C3B CaP1
TIDE Transformational Baseline Ver 3.0	NATO TIDE/TTB:2009	BSP	NCIA/CES
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3:2006	BSP	FMN CPWG
Overlay Services			
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
NATO Core Metadata Specification	NATO ADatP-5636 Ed A Ver 1:2022 / STANAG 5636 Ed 1	PROPOSED-FMN5	C3B CaP1 DM CaT

Title	Pubnum	Profiles	Responsible Party
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
NATO Joint Military Symbology	NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Track Management Services			
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP2
Identification Data Combining Process	NATO Study (expected) AIDPP-01 (FD) Ed A Ver 1 / STANAG 4162 Ed 3	BSP	C3B CaP2
NATO Message Catalogue	NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Tactical Data Exchange - Link 16	NATO Study (expected) ATDLP-5.16 Ed C Ver 1:2019 / STANAG FT (Study) 5516 Ed 9	BSP	C3B CaP1 TDL CaT
Track Distribution Services			
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP2

Title	Pubnum	Profiles	Responsible Party
NATO Message Catalogue	NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Modelling and Simulation Services			
Order of Battle Services			
MIP4 Information Exchange Specification 4.3	MIP MIP 4.3 IES:2020	FMN5-20221202	FMN CPWG
Web Service Messaging Profile (WSMP)	NATO ADatP-5644 (FD) Ed A Ver 1 / STANAG 5644 Ed 1	FMN5-20221202	C3B CaP1 DM CaT

[1]The SIP for Recognized Air Picture Data refers to ATDLP-5.18 Ed B Version 1 instead of ATDLP-5.18 Ed B Version 2

1.3.2. Core Services

Title	Pubnum	Profiles	Responsible Party
Geospatial Services			
Defense Gridded Elevation Data (DGED) Product Implementation Profile	DIGWG DGIWG-250:2020	FMN5-20221202	FMN CPWG
ESRI Shapefile Technical Description	ESRI shapefile:1998	PROPOSED-FMN5, FMN5-20221202	AMN TMO
XML Schema of the Geodatabase	ESRI XML Schema of the Geodatabase:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2004	FMN5-20221202	NCIA/JISR
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2019	PROPOSED-FMN5	NCIA/JISR
Performance Specification - Digital Terrain Elevation Data	MIL-STD PRF-89020B:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
NATO Geospatial Information Framework	NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS

Title	Pubnum	Profiles	Responsible Party
GeoTIFF Raster Format Specification in a NATO Environment	NATO AGeoP-11.3 Ed A Ver 1:2018	FMN5-20221202	MC, MCJSB, JGS
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
NATO Geospatial Web Services	NATO Study (expected) AGeoP-26 (Study) Ed B Ver 1	BSP	MC, MCJSB, JGS
Vector Smart Map (VMAP) Level 1	US DoD MIL-PRF-89033:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Compressed ARC Digitized Raster Graphics (ADRG)	NGA MIL-PRF-89038:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Vector Smart Map (VMAP) Level 0	US DoD MIL-PRF-89039:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Raster Product Format	NGA MIL-STD-2411:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OpenGIS Web Processing Service	OGC 05-007r7:2007	BSP	NCIA/AWG
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3:2006	PROPOSED-FMN5	FMN CPWG
GML in JPEG 2000 for Geographic Imagery Encoding	OGC 08-085r8:2018	FMN5-20221202	FMN CPWG
Geospatial Web Map Tile Services			
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5	MC, MCJSB, JGS
Defence Geospatial Web Services	NATO AGeoP-26 Ed A Ver 1:2020 / STANAG 6523 Ed 1	FMN5-20221202	MC, MCJSB, JGS
OpenGIS Web Map Tile Service Implementation Standard	OGC 07-057r7:2010	PROPOSED-FMN5, FMN5-20221202	NCIA/AWG
Geospatial Web Feature Services			

Title	Pubnum	Profiles	Responsible Party
Defence Profile of OGC Web Feature Service 2.0	DIGWG DGIWG-122:2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OGC Web Feature Service 2.0 Interface Standard – With Corrigendum	OGC 09-025r2:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Geospatial Coordinate Services			
OpenGIS Coordinate Transformation Services	OGC 01-009:2001	BSP	NCIA/AWG
Geospatial Web Map Services			
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5	MC, MCJSB, JGS
Defence Geospatial Web Services	NATO AGeoP-26 Ed A Ver 1:2020 / STANAG 6523 Ed 1	FMN5-20221202	MC, MCJSB, JGS
OpenGIS Web Map Service (WMS) Implementation Specification	OGC 06-042:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Information Management Services			
Application Vulnerability Description Language (AVDL) Ver 1.0	OASIS AVDL Ver 1.0:2004	BSP	NCIA/CS
Search Services			
Atom Syndication Format, v1.0	IETF RFC 4287:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Media Types	IETF RFC 7303:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OpenSearch 1.1.0	Opensearch OpenSearch 1.1.0:2021	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RSS 2.0 Specification	RSS RSS 2.0 Specification:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
eXtensible Markup Language (XML) 1.0 (Fifth Edition)	W3C XML 1.0 (Fith Edition):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Formal Messaging Services			
Tactical Data Exchange - Link 11/11B	NATO ATDLP-5.11 Ed B Ver 1:2019 / STANAG FT 5511 Ed 10	BSP	C3B CaP1 TDL CaT
Joint Range Extension Application Protocol (JREAP)	NATO Study (expected) ATDLP-5.18 (Study) Ed C Ver 1 / STANAG FT 5518 Ed 5	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16	NATO Study (expected) ATDLP-5.16 Ed C Ver 1:2019 / STANAG FT (Study) 5516 Ed 9	BSP	C3B CaP1 TDL CaT
SOAP Messages with Attachments (SwA) Profile 1.1	OASIS wss-v1.1-spec-os-SwAProfile:2006	BSP	NCIA/CES
Variable Message Format (VMF)[1]	US DoD MIL-STD-6017D:2017	BSP	C3B CaP1
Business Support CIS Security Services			
Common Biometric Exchange Formats Framework (CBEFF) - 2018 Edition	ANSI INCITS 398-2008[R2018]:2008	BSP	NCIA/JISR
Electronic Biometric Transmission Specification (EBTS) Ver 8.1	FBI EBTS Ver 8.1:2008	BSP	CNAD, AC/224 NAFAG, JCGISR
Business Support SMC Services			
Trouble Ticket REST API Specification R14.5.1 Interface	TM-FORUM TMF621:2015	FMN5-20221202	FMN CPWG
Trouble Ticket Management API REST Specification R19.0.1	TM-FORUM TMF621 (2019/11):2019	PROPOSED-FMN5	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Trouble Ticket Management API Conformance Profile R19.0.1	TM-FORUM TMF621B (2019/11):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Service Catalog API User Guide	TM-FORUM TMF633 (2021/01):2021	FMN5-20221202	FMN CPWG
TMF638 Service Inventory API REST Specification R16.5	TM-FORUM TMF638:2017	FMN5-20221202	FMN CPWG
Service Inventory API User Guide	TM-FORUM TMF638 (2020/07):2020	PROPOSED-FMN5	FMN CPWG
TMForum Resource Inventory Management API REST Specification R17.0.1	TM-FORUM TMF639:2017	FMN5-20221202	FMN CPWG
Resource Inventory API User Guide	TM-FORUM TMF639 (2020/07):2020	PROPOSED-FMN5	FMN CPWG
TMF641 Service Ordering API REST Specification R16.5.1	TM-FORUM TMF641:2017	FMN5-20221202	FMN CPWG
Service Ordering API User Guide	TM-FORUM TMF641 (2021/03):2021	PROPOSED-FMN5	FMN CPWG
Alarm Management API User Guide	TM-FORUM TMF642 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Change Management API REST Specification R18.0.1	TM-FORUM TMF655 (2018/09):2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Service Quality Management API User Guide	TM-FORUM TMF657 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Process Flow Management API REST Specification R19.0.1	TM-FORUM TMF701 (2019/11):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Communication and Collaboration Services			
HTML5 - A vocabulary and associated APIs for HTML and XHTML (2012)	W3C APIs for HTML and XHTML:2012	BSP	NCIA/CES

Title	Pubnum	Profiles	Responsible Party
Fax Services			
Procedures for real-time Group 3 facsimile communication over IP networks	ITU-T T.38:2010	BSP	NCIA/NSII
Audio-based Communication Services			
Session Initiation Protocol (SIP)	IETF RFC 3261:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Reliability of Provisional Responses in the Session Initiation Protocol (SIP)	IETF RFC 3262:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
An Offer/Answer Model with the Session Description Protocol (SDP)	IETF RFC 3264:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Session Initiation Protocol (SIP) UPDATE Method	IETF RFC 3311:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP: A Transport Protocol for Real-Time Applications	IETF RFC 3550:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Session Timers in the Session Initiation Protocol (SIP)	IETF RFC 4028:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A Border Gateway Protocol 4 (BGP-4)	IETF RFC 4271:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A Framework for Conferencing with the Session Initiation Protocol (SIP)	IETF RFC 4353:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Extending the Session Initiation Protocol (SIP) Reason Header for Preemption Events	IETF RFC 4411:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Communications Resource Priority for the Session Initiation Protocol (SIP)	IETF RFC 4412:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SDP: Session Description Protocol	IETF RFC 4566:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents	IETF RFC 4579:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP Payload for DTMF Digits, Telephony Tones, and Telephony Signals	IETF RFC 4733:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multiprotocol Extensions for BGP-4	IETF RFC 4760:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Generalized TTL Security Mechanism (GTSM)	IETF RFC 5082:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Conference Establishment Using Request-Contained Lists in the Session Initiation Protocol (SIP)	IETF RFC 5366:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Capabilities Advertisement with BGP-4	IETF RFC 5492:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD)	IETF RFC 5880:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop)	IETF RFC 5881:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for Multihop Paths	IETF RFC 5883:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Autonomous-System-Wide Unique BGP Identifier for BGP-4	IETF RFC 6286:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SIP-Specific Event Notification	IETF RFC 6665:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
BGP Support for Four-Octet Autonomous System (AS) Number Space	IETF RFC 6793:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Revised Error Handling for BGP UPDATE Messages	IETF RFC 7606:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP Topologies	IETF RFC 7667:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Default External BGP (EBGP) Route Propagation Behavior without Policies	IETF RFC 8212:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SCIP Signalling Plan rev.3.3	CIS3 C&IP SCIP-210:2010	FMN5-20221202	C3B CaP1 N&S CaT
SCIP Signalling Plan rev.3.10	CIS3 C&IP SCIP-210 3.10:2017	PROPOSED-FMN5	C3B CaP1 N&S CaT
SCIP over RTP rev.1.0	CIS3 C&IP SCIP-214.2:2010	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Securing SIP Signaling - Use of TLS with SCIP	CIS3 C&IP SCIP-214.3:2014	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Interoperable Terminal Priority (TP) Community of Interest (COI) Specification rev.1.0	CIS3 C&IP SCIP-233.350:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Secure MELP(e) Voice rev.1.1	CIS3 C&IP SCIP-233.501:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Secure G.729D Voice Specification Rev. 1.1.	CIS3 C&IP SCIP-233.502:2011	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Notation for national and international telephone numbers, e-mail addresses and web addresses	ITU-T E.123:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The international public telecommunication numbering plan	ITU-T E.164:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Pulse code modulation (PCM) of voice frequencies	ITU-T G.711:1988	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss	ITU-T G.722.1:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss	ITU-T G.722.1 (2005) Corrigendum 1 (06/08):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Coding of speech at 8 kbit/s using conjugate-structure algebraic-code-excited linear prediction (CS-ACELP)	ITU-T G.729:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Advanced video coding for generic audiovisual services	ITU-T H.264:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IP access to half-duplex radio networks	NATO AComP-5634 Ed A Ver 1:2022 / STANAG 5634 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
International Network Numbering for Communications Systems in use in NATO	NATO STANAG 4705 Ed 1:2015	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Calendaring and Scheduling Services			
Internet Calendaring and Scheduling Core Object Specification (iCalendar)	IETF RFC 5545:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
iCalendar Transport-Independent Interoperability Protocol (iTIP)	IETF RFC 5546:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
iCalendar Message-Based Interoperability Protocol (iMIP)	IETF RFC 6047:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Informal Messaging Services			
SMTP Service Extension for Message Size Declaration	IETF RFC 1870:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The text/enriched MIME Content-type	IETF RFC 1896:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
SMTP Service Extension for Returning Enhanced Error Codes	IETF RFC 2034:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies	IETF RFC 2045:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types	IETF RFC 2046:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Three: Message Header Extensions for Non-ASCII Text	IETF RFC 2047:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Five: Conformance Criteria and Example	IETF RFC 2049:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SMTP Service Extension for Command Pipelining	IETF RFC 2920:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
MTP Service Extension for Secure SMTP over Transport Layer Security (TLS)	IETF RFC 3207:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Simple Mail Transfer Protocol (SMTP) Service Extension for Delivery Status Notifications (DSNs)	IETF RFC 3461:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
UTF-8, a transformation format of ISO/IEC 10646	IETF RFC 3629:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Text/Plain Format and DelSp Parameters	IETF RFC 3676:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security Protocol Compression Methods	IETF RFC 3749:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SMTP Service Extension for Authentication	IETF RFC 4954:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
URI Fragment Identifiers for the text/plain Media Type	IETF RFC 5147:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2	IETF RFC 5246:2008	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Simple Mail Transfer Protocol	IETF RFC 5321:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Message Format	IETF RFC 5322:2008	PROPOSED-FMN5, FMN5-20221202	NCIA
Internet Calendaring and Scheduling Core Object Specification (iCalendar)	IETF RFC 5545:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Renegotiation Indication Extension	IETF RFC 5746:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Extensions: Extension Definitions	IETF RFC 6066:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SMTP Service Extension for 8-bit MIME Transport	IETF RFC 6152:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS)	IETF RFC 7525:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension	IETF RFC 7627:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Negotiated Finite Field Diffie-Hellman Ephemeral Parameters for Transport Layer Security (TLS)	IETF RFC 7919:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier	IETF RFC 8422:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
The Transport Layer Security (TLS) Protocol Version 1.3	IETF RFC 8446:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 1: Use of PDF 1.4 (PDF/A-1)	ISO 19005-1:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 2: Use of ISO 32000-1 (PDF/A-2)	ISO 19005-2:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Document management — Portable document format — Part 1: PDF 1.7	ISO 32000-1:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Extensions	ISO/IEC 10918-3:1997	FMN5-20221202	FMN CPWG
Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s; PCM Part 3: audio	ISO/IEC 11172-3:1993	FMN5-20221202	NCIA/NSII
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC)	ISO/IEC 13818-7:2006	FMN5-20221202	NCIA/CES
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Amendment 1: Transport of MPEG Surround in AAC	ISO/IEC 13818-7:2006/Amd 1:2007	FMN5-20221202	FMN CPWG
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 1	ISO/IEC 3818-7:2006/ Cor 1:2009	FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 2	ISO/IEC 3818-7:2006/ Cor 2:2010	FMN5-20221202	FMN CPWG
Coding of audio-visual objects — Part 10: Advanced video coding	ISO/IEC 14496-10:2022	FMN5-20221202	FMN CPWG
Computer graphics and image processing — Portable Network Graphics (PNG): Functional specification	ISO/IEC 15948:2004	FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 1: OpenDocument Schema	ISO/IEC 26300-1:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 2: Recalculated Formula (OpenFormula) Format	ISO/IEC 26300-2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 3: Packages	ISO/IEC 26300-3:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2012	FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2016	PROPOSED-FMN5	C3B CaP1 CS CaT
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
XHTML™ 1.0 in XML Schema	W3C XHTML 1.0 in XML Schema:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
HTML5 - A vocabulary and associated APIs for HTML and XHTML (2014)	W3C APIs for HTML and XHTML:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Text-based Communication Services			
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Defense Gridded Elevation Data (DGED) Product Implementation Profile	DIGWG DGIWG-250:2020	FMN5-20221202	FMN CPWG
ESRI Shapefile Technical Description	ESRI shapefile:1998	PROPOSED-FMN5, FMN5-20221202	AMN TMO
XML Schema of the Geodatabase	ESRI XML Schema of the Geodatabase:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The text/enriched MIME Content-type	IETF RFC 1896:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies	IETF RFC 2045:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types	IETF RFC 2046:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Three: Message Header Extensions for Non-ASCII Text	IETF RFC 2047:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multipurpose Internet Mail Extensions (MIME) Part Five: Conformance Criteria and Example	IETF RFC 2049:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Text/Plain Format and DelSp Parameters	IETF RFC 3676:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security Protocol Compression Methods	IETF RFC 3749:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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URI Fragment Identifiers for the text/plain Media Type	IETF RFC 5147:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2	IETF RFC 5246:2008	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Internet Calendaring and Scheduling Core Object Specification (iCalendar)	IETF RFC 5545:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Renegotiation Indication Extension	IETF RFC 5746:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Extensions: Extension Definitions	IETF RFC 6066:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Extensible Messaging and Presence Protocol (XMPP): Core	IETF RFC 6120:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence	IETF RFC 6121:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
Extensible Messaging and Presence Protocol (XMPP): Address Format	IETF RFC 6122:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
SMTP Service Extension for 8-bit MIME Transport	IETF RFC 6152:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS)	IETF RFC 7525:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension	IETF RFC 7627:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Negotiated Finite Field Diffie-Hellman Ephemeral Parameters for Transport Layer Security (TLS)	IETF RFC 7919:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier	IETF RFC 8422:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Transport Layer Security (TLS) Protocol Version 1.3	IETF RFC 8446:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 1: Use of PDF 1.4 (PDF/A-1)	ISO 19005-1:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 2: Use of ISO 32000-1 (PDF/A-2)	ISO 19005-2:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Document management — Portable document format — Part 1: PDF 1.7	ISO 32000-1:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Extensions	ISO/IEC 10918-3:1997	FMN5-20221202	FMN CPWG
Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s; PCM Part 3: audio	ISO/IEC 11172-3:1993	FMN5-20221202	NCIA/NSII
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC)	ISO/IEC 13818-7:2006	FMN5-20221202	NCIA/CES
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Amendment 1: Transport of MPEG Surround in AAC	ISO/IEC 13818-7:2006/Amd 1:2007	FMN5-20221202	FMN CPWG

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Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 1	ISO/IEC 3818-7:2006/ Cor 1:2009	FMN5-20221202	FMN CPWG
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 2	ISO/IEC 3818-7:2006/ Cor 2:2010	FMN5-20221202	FMN CPWG
Coding of audio-visual objects — Part 10: Advanced video coding	ISO/IEC 14496-10:2022	FMN5-20221202	FMN CPWG
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2004	FMN5-20221202	NCIA/JISR
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2019	PROPOSED-FMN5	NCIA/JISR
Computer graphics and image processing — Portable Network Graphics (PNG): Functional specification	ISO/IEC 15948:2004	FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 1: OpenDocument Schema	ISO/IEC 26300-1:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 2: Recalculated Formula (OpenFormula) Format	ISO/IEC 26300-2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 3: Packages	ISO/IEC 26300-3:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2012	FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2016	PROPOSED-FMN5	C3B CaP1 CS CaT
Performance Specification - Digital Terrain Elevation Data	MIL-STD PRF-89020B:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
NATO Core Metadata Specification	NATO ADatP-5636 Ed A Ver 1:2022 / STANAG 5636 Ed 1	PROPOSED-FMN5	C3B CaP1 DM CaT
NATO Core Data Framework (NCDF)	NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
NATO Geospatial Information Framework	NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
GeoTIFF Raster Format Specification in a NATO Environment	NATO AGeoP-11.3 Ed A Ver 1:2018	FMN5-20221202	MC, MCJSB, JGS
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
NATO Joint Military Symbology	NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Dismounted Soldier Systems Standards And Protocols for Command, Control, Communications and Computers (C4) Interoperability (DSS C4 Interoperability)	NATO STANAG 4677 Ed 1:2014	FMN5-20221202	FMN CPWG
Vector Smart Map (VMAP) Level 1	US DoD MIL-PRF-89033:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Compressed ARC Digitized Raster Graphics (ADRG)	NGA MIL-PRF-89038:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Vector Smart Map (VMAP) Level 0	US DoD MIL-PRF-89039:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Raster Product Format	NGA MIL-STD-2411:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3:2006	PROPOSED-FMN5	FMN CPWG
GML in JPEG 2000 for Geographic Imagery Encoding	OGC 08-085r8:2018	FMN5-20221202	FMN CPWG
XHTML™ 1.0 in XML Schema	W3C XHTML 1.0 in XML Schema:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Character Model for the World Wide Web 1.0: Fundamentals	W3C Character Model for the WWW 1.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
HTML5 - A vocabulary and associated APIs for HTML and XHTML (2014)	W3C APIs for HTML5 and XHTML:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internationalization Tag Set (ITS) Version 1.0	W3C ITS 1.0:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internationalization Tag Set (ITS) Version 2.0	W3C ITS 2.0:2013	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ruby Annotation	W3C Ruby Annotation:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0004: Data Forms (2020/05)	XMPP XEP-0004 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0012: Last Activity	XMPP XEP-0012:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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XEP-0030: Service Discovery (2017/10)	XMPP XEP-0030 (2017/10):2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0045: Multi-User Chat (2019/05)	XMPP XEP-0045 (2019/05):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0054: vcard-temp	XMPP XEP-0054:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0055: Jabber Search	XMPP XEP-0055:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0059: Result Set Management	XMPP XEP-0059:2006	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0060: Publish-Subscribe (2020/02)	XMPP XEP-0060 (2020/02):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0068: Field Standardization for Data Forms	XMPP XEP-0068:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0082: XMPP Date and Time Profiles	XMPP XEP-0082:2013	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0106: JID Escaping	XMPP XEP-0106:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0115: Entity Capabilities (2020/05)	XMPP XEP-0115 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0122: Data Forms Validation	XMPP XEP-0122:2004	FMN5-20221202	NCIA
		FMN5-20221202	
		FMN5-20221202	
XEP-0141: Data Forms Layout	XMPP XEP-0141:2005	FMN5-20221202	NCIA

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XEP-0160: Best Practices for Handling Offline Messages (2016/01)	XMPP XEP-0160 (2016/01):2016	FMN5-20221202	FMN CPWG
XEP-0160: Best Practices for Handling Offline Messages (2016/10)	XMPP XEP-0160 (2016/10):2016	PROPOSED-FMN5	FMN CPWG
XEP-0199: XMPP Ping (2009/06)	XMPP XEP-0199 (2009/06):2009	FMN5-20221202	NCIA
XEP-0199: XMPP Ping (2019/03)	XMPP XEP-0199 (2019/03):2019	PROPOSED-FMN5	NCIA
XEP-0202: Entity Time	XMPP XEP-0202:2009	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0203: Delayed Delivery	XMPP XEP-0203:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0220: Server Dialback (2015/03)	XMPP XEP-0220 (2015/03):2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0297: Stanza Forwarding	XMPP XEP-0297:2013	FMN5-20221202	FMN CPWG
XEP-0313: Message Archive Management (2017/02)	XMPP XEP-0313 (2017/02):2017	FMN5-20221202	FMN CPWG
XEP-0313: Message Archive Management (2020/08)	XMPP XEP-0313 (2020/08):2020	PROPOSED-FMN5	FMN CPWG
XEP-0346: Form Discovery and Publishing	XMPP XEP-0346:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Video-based Communication Services			
Session Initiation Protocol (SIP)	IETF RFC 3261:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Reliability of Provisional Responses in the Session Initiation Protocol (SIP)	IETF RFC 3262:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
An Offer/Answer Model with the Session Description Protocol (SDP)	IETF RFC 3264:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Session Initiation Protocol (SIP) UPDATE Method	IETF RFC 3311:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP: A Transport Protocol for Real-Time Applications	IETF RFC 3550:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Session Timers in the Session Initiation Protocol (SIP)	IETF RFC 4028:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A Border Gateway Protocol 4 (BGP-4)	IETF RFC 4271:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A Framework for Conferencing with the Session Initiation Protocol (SIP)	IETF RFC 4353:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Extending the Session Initiation Protocol (SIP) Reason Header for Preemption Events	IETF RFC 4411:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Communications Resource Priority for the Session Initiation Protocol (SIP)	IETF RFC 4412:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SDP: Session Description Protocol	IETF RFC 4566:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents	IETF RFC 4579:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP Payload for DTMF Digits, Telephony Tones, and Telephony Signals	IETF RFC 4733:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multiprotocol Extensions for BGP-4	IETF RFC 4760:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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The Generalized TTL Security Mechanism (GTSM)	IETF RFC 5082:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Conference Establishment Using Request-Contained Lists in the Session Initiation Protocol (SIP)	IETF RFC 5366:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Capabilities Advertisement with BGP-4	IETF RFC 5492:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD)	IETF RFC 5880:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop)	IETF RFC 5881:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for Multihop Paths	IETF RFC 5883:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Autonomous-System-Wide Unique BGP Identifier for BGP-4	IETF RFC 6286:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SIP-Specific Event Notification	IETF RFC 6665:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
BGP Support for Four-Octet Autonomous System (AS) Number Space	IETF RFC 6793:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Revised Error Handling for BGP UPDATE Messages	IETF RFC 7606:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RTP Topologies	IETF RFC 7667:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Default External BGP (EBGP) Route Propagation Behavior without Policies	IETF RFC 8212:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SCIP Signalling Plan rev.3.3	CIS3 C&IP SCIP-210:2010	FMN5-20221202	C3B CaP1 N&S CaT

Title	Pubnum	Profiles	Responsible Party
SCIP Signalling Plan rev.3.10	CIS3 C&IP SCIP-210 3.10:2017	PROPOSED-FMN5	C3B CaP1 N&S CaT
SCIP over RTP rev.1.0	CIS3 C&IP SCIP-214.2:2010	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Securing SIP Signaling - Use of TLS with SCIP	CIS3 C&IP SCIP-214.3:2014	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Interoperable Terminal Priority (TP) Community of Interest (COI) Specification rev.1.0	CIS3 C&IP SCIP-233.350:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Secure MELP(e) Voice rev.1.1	CIS3 C&IP SCIP-233.501:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Secure G.729D Voice Specification Rev. 1.1.	CIS3 C&IP SCIP-233.502:2011	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Notation for national and international telephone numbers, e-mail addresses and web addresses	ITU-T E.123:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The international public telecommunication numbering plan	ITU-T E.164:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Pulse code modulation (PCM) of voice frequencies	ITU-T G.711:1988	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss	ITU-T G.722.1:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss	ITU-T G.722.1 (2005) Corrigendum 1 (06/08):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Coding of speech at 8 kbit/s using conjugate-structure algebraic-code-excited linear prediction (CS-ACELP)	ITU-T G.729:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Advanced video coding for generic audiovisual services	ITU-T H.264:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
International Network Numbering for Communications Systems in use in NATO	NATO STANAG 4705 Ed 1:2015	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
Infrastructure Services			
The Secure Real-time Transport Protocol (SRTP)	IETF RFC 3711:2004	BSP	FMN CPWG
NATO Imagery Interpretability Rating Scale (NIIRS)	NATO AIntP-07 Ed A Ver 1:2018 / STANAG 7194 Ed 2	BSP	MC, MCJSB, JINT JISRP
Distributed File System (DFS) DCE DFS	Open Group F209a:1997	BSP	NCIA/CES
Infrastructure Networking Services			
Very high speed digital subscriber line transceivers 2 (VDSL2)	ITU-T G. 993-2:2011	BSP	NCIA/NSII
Server Message Block (SMB)	Microsoft MS-SMB - 20130118:2013	BSP	NCIA/CES
X/Open Network File System (C702 Protocols for Inter-working: XNFS, Version 3W)	Open Group C702:1998	BSP	NCIA/CES
DCE 1.1: Remote Procedure Call	Open Group C706:1997	BSP	NCIA/CES
Host Configuration Services			
Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	IETF RFC 3315:2003	BSP	NCIA/NSII
IPv6 Prefix Options for Dynamic Host Configuration Protocol (DHCP) version 6	IETF RFC 3633:2003	BSP	NCIA/NSII
Distributed Time Services			
Network Time Protocol (NTP) Version 4: Protocol and Algorithms Specification	IETF RFC 5905:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
DCE 1.1: Time Services	Open Group C310:1994	BSP	NCIA/CES

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Digital Certificate Services			
More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE)	IETF RFC 3526:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
X.509 Internet Public Key Infrastructure Online Certificate Status Protocol - OCSP	IETF RFC 6960:2013	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Textual Encodings of PKIX, PKCS, and CMS Structures	IETF RFC 7468:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Directory: Public-key and attribute certificate frameworks	ISO/IEC 9594-8:2020	PROPOSED-FMN5	FMN CPWG
Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks	ITU-T X.509 (10/16):2016	FMN5-20221202	FMN CPWG
Secure Hash Standard (SHS)	NIST FIPS PUB 180-4:2015	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Digital Signature Standard (DSS)	NIST FIPS PUB 186-4:2013	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Advanced Encryption Standard (AES)	NIST FIPS PUB 197:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Recommendation for Pair-Wise Key Establishment Schemes Using Discrete Logarithm Cryptography	NIST SP 800-56A Rev 2:2013	FMN5-20221202	FMN CPWG
Recommendation for Pair-Wise Key-Establishment Schemes Using Discrete Logarithm Cryptography	NIST SP 800-56A Rev 3:2018	PROPOSED-FMN5	FMN CPWG
Recommendation for Pair-Wise Key Establishment Using Integer Factorization Cryptography	US DoC SP 800-56B:2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Authentication Services			
The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP)	IETF RFC 4106:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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IP Encapsulating Security Payload (ESP)	IETF RFC 4303:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA)	IETF RFC 4754:2007	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec	IETF RFC 4868:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Groups modulo a Prime (ECP Groups) for IKE and IKEv2	IETF RFC 5903:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Suite B Cryptographic Suites for IPsec	IETF RFC 6379:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 7296:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Algorithm Implementation Requirements and Usage Guidance for the Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 8247:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Virtualized Processing Services			
Virtual Hard Disk Image Format Specification	Microsoft Virtual Hard Disk Image Format Specification:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Virtual Disk Format 5.0	VMware VDDK 5.0:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
File System Storage Services			
Defense Gridded Elevation Data (DGED) Product Implementation Profile	DIGWG DGIWG-250:2020	FMN5-20221202	FMN CPWG
ESRI Shapefile Technical Description	ESRI shapefile:1998	PROPOSED-FMN5, FMN5-20221202	AMN TMO

Title	Pubnum	Profiles	Responsible Party
XML Schema of the Geodatabase	ESRI XML Schema of the Geodatabase:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2004	FMN5-20221202	NCIA/JISR
JPEG 2000 image coding system — Part 1: Core coding system	ISO/IEC 15444-1:2019	PROPOSED-FMN5	NCIA/JISR
Performance Specification - Digital Terrain Elevation Data	MIL-STD PRF-89020B:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
NATO Geospatial Information Framework	NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
GeoTIFF Raster Format Specification in a NATO Environment	NATO AGeoP-11.3 Ed A Ver 1:2018	FMN5-20221202	MC, MCJSB, JGS
Additional Military Layers (AML) - Digital Geospatial Data Products	NATO AGeoP-19 Ed A Ver 1:2015 / STANAG 7170 Ed 3	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, JGS
Vector Smart Map (VMAP) Level 1	US DoD MIL-PRF-89033:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Compressed ARC Digitized Raster Graphics (ADRG)	NGA MIL-PRF-89038:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Vector Smart Map (VMAP) Level 0	US DoD MIL-PRF-89039:1995	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Raster Product Format	NGA MIL-STD-2411:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3:2006	PROPOSED-FMN5	FMN CPWG
GML in JPEG 2000 for Geographic Imagery Encoding	OGC 08-085r8:2018	FMN5-20221202	FMN CPWG
Platform Services			

Title	Pubnum	Profiles	Responsible Party
Web Services Brokered Notification Ver 1.3	OASIS WS-BrokeredNotification:2006	BSP	NCIA/CES
Web Services Business Process Execution Language (WSBPEL) version 2.0	OASIS ws-bpel:2007	BSP	NCIA/CES
WS-BaseNotification	OASIS ws-notif:2006	BSP	NCIA/CES
WS-Topics 1.3	OASIS wsn-ws_topics-1.3-spec-os:2006	BSP	NCIA/CES
Web Services Addressing 1.0 - Core	W3C WS-Addressing 1.0 - Core:2006	BSP	FMN CPWG
Attachments Profile Version 1.0	WS-I AttachmentsProfile-1.0-2006-04-20:2004	BSP	NCIA/CES
WS-I Basic Profile 1.2	WS-I BP12:2010	BSP	NCIA/CES
WS-I Basic Profile 2.0	WS-I wsbp:2010	BSP	NCIA/CES
Simple SOAP Binding Profile Version 1.0	WS-I SimpleSoapBindingProfile-1.0-2004-08-24:2004	BSP	NCIA/CES
Policy Decision Point Services			
Data Format for the Interchange of Fingerprint Facial, and Scar Mark and Tattoo (SMT) Information	ANSI/NIST ITL 1-2000:2000	BSP	NCIA/JISR
Biometric data interchange formats -- Part 2:	ISO/IEC 19794-2:2011	BSP	NCIA/JISR
Biometric data interchange formats -- Part 5: Face image data	ISO/IEC 19794-5:2011	BSP	NCIA/JISR
Biometric data interchange formats -- Part 6: Iris image data	ISO/IEC 19794-6:2011	BSP	NCIA/JISR
NATO Public Key Infrastructure (NPKI) Certificate Policy (CertP) Rev2.	NATO AC/322-D(2004)0024REV2:2008	BSP	C3B NPMA
eXtensible Access Control Markup Language core specification	OASIS xacml-3.0-core-spec-os:2013	BSP	NCIA/CS
Department of Defense: Electronic Biometric Transmission Specification. Version 1.2	US DoD EBTS Ver 1.2:2006	BSP	CNAD, AC/224 NAFAG, JCGISR

Title	Pubnum	Profiles	Responsible Party
Department of Defense: Electronic Biometric Transmission Specification. Version 2.0	US DoD EBTS Ver 2.0:2009	BSP	CNAD, AC/224 NAFAG, JCGISR
Security Token Services			
A summary of the X.500(96) User Schema for Use with LDAPv3	IETF RFC 2256:1997	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Definition of the inetOrgPerson LDAP Object Class	IETF RFC 2798:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Uniform Resource Identifiers (URI): Generic Syntax	IETF RFC 3986:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Schema for User Applications	IETF RFC 4519:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Message Format	IETF RFC 5322:2008	PROPOSED-FMN5, FMN5-20221202	NCIA
The OAuth 2.0 Authorization Framework	IETF RFC 6749:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
JSON Web Token (JWT)	IETF RFC 7519:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Assertion Framework for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7521:2015	PROPOSED-FMN5, FMN5-20221202	NCIA
Security Assertion Markup Language (SAML) 2.0 Profile for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7522:2015	PROPOSED-FMN5, FMN5-20221202	NCIA
JSON Web Token (JWT) Profile for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7523:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Proof-of-Possession Key Semantics for JSON Web Tokens (JWTs)	IETF RFC 7800:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OAuth 2.0 Authorization Server Metadata	IETF RFC 8414:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OAuth 2.0 Token Exchange	IETF RFC 8693:2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Resource Indicators for OAuth 2.0	IETF RFC 8707:2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
JSON Web Token (JWT) Profile for OAuth 2.0 Access Tokens	IETF RFC 9068:2021	FMN5-20221202	FMN CPWG
OASIS SAML V2.0 Metadata Interoperability Profile	OASIS SAML V2.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Services Security: SOAP Message Security 1.1	OASIS wss-v1.1-spec-os-SOAPMessageSecurity:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
WS-Trust 1.4	OASIS wstrust-1.4:2012	PROPOSED-FMN5, FMN5-20221202	NCIA/CS
Single Sign On	Open Group P702:1997	BSP	C3B CaP4
Directory Services			
Common Directory Services and Procedures	CCEB ACP 133(D):2009	BSP	C3B NACP CaT
Definition of the inetOrgPerson LDAP Object Class	IETF RFC 2798:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The LDAP Data Interchange Format (LDIF) - Technical Specification	IETF RFC 2849:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security Protocol Compression Methods	IETF RFC 3749:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Lightweight Directory Access Protocol (LDAP) - Technical Specification Road Map	IETF RFC 4510:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - The Protocol	IETF RFC 4511:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Directory Information Models	IETF RFC 4512:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Authentication Methods and Security Mechanisms	IETF RFC 4513:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - String Representation of Distinguished Names	IETF RFC 4514:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - String Representation of Search Filters	IETF RFC 4515:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Uniform Resource Locator	IETF RFC 4516:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Syntaxes and Matching Rules	IETF RFC 4517:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Internationalized String Preparation	IETF RFC 4518:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Schema for User Applications	IETF RFC 4519:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2	IETF RFC 5246:2008	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Transport Layer Security (TLS) Renegotiation Indication Extension	IETF RFC 5746:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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Transport Layer Security (TLS) Extensions: Extension Definitions	IETF RFC 6066:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS)	IETF RFC 7525:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension	IETF RFC 7627:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Negotiated Finite Field Diffie-Hellman Ephemeral Parameters for Transport Layer Security (TLS)	IETF RFC 7919:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier	IETF RFC 8422:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Transport Layer Security (TLS) Protocol Version 1.3	IETF RFC 8446:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Choreography Services			
W3C Web Service Choreography Interface version 1.0	W3C NOTE-wsci-20020808:2002	BSP	NCIA/CES
Information Discovery Services			
OpenSearch 1.1 Draft 6	Opensearch OpenSearch 1.1 Draft 6:2005	BSP	FMN CPWG
Metadata Repository Services			
Extensible Messaging and Presence Protocol (XMPP): Core	IETF RFC 6120:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence	IETF RFC 6121:2011	PROPOSED-FMN5, FMN5-20221202	NCIA
Extensible Messaging and Presence Protocol (XMPP): Address Format	IETF RFC 6122:2011	PROPOSED-FMN5, FMN5-20221202	NCIA

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Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
Web Services Metadata Exchange (WS-MetadataExchange)	W3C REC-ws-metadata-exchange-20111213:2011	BSP	NCIA/CES
XEP-0004: Data Forms (2020/05)	XMPP XEP-0004 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0012: Last Activity	XMPP XEP-0012:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0030: Service Discovery (2017/10)	XMPP XEP-0030 (2017/10):2017	FMN5-20221202	FMN CPWG
XEP-0045: Multi-User Chat (2019/05)	XMPP XEP-0045 (2019/05):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0054: vcard-temp	XMPP XEP-0054:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0060: Publish-Subscribe (2020/02)	XMPP XEP-0060 (2020/02):2020	FMN5-20221202	FMN CPWG
XEP-0068: Field Standardization for Data Forms	XMPP XEP-0068:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0106: JID Escaping	XMPP XEP-0106:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0115: Entity Capabilities (2020/05)	XMPP XEP-0115 (2020/05):2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0122: Data Forms Validation	XMPP XEP-0122:2004	FMN5-20221202	NCIA

Title	Pubnum	Profiles	Responsible Party
XEP-0141: Data Forms Layout	XMPP XEP-0141:2005	FMN5-20221202	NCIA
XEP-0160: Best Practices for Handling Offline Messages (2016/01)	XMPP XEP-0160 (2016/01):2016	FMN5-20221202	FMN CPWG
XEP-0160: Best Practices for Handling Offline Messages (2016/10)	XMPP XEP-0160 (2016/10):2016	PROPOSED-FMN5	FMN CPWG
XEP-0199: XMPP Ping (2009/06)	XMPP XEP-0199 (2009/06):2009	FMN5-20221202	NCIA
XEP-0199: XMPP Ping (2019/03)	XMPP XEP-0199 (2019/03):2019	PROPOSED-FMN5	NCIA
XEP-0202: Entity Time	XMPP XEP-0202:2009	PROPOSED-FMN5, FMN5-20221202	NCIA
XEP-0203: Delayed Delivery	XMPP XEP-0203:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0220: Server Dialback (2015/03)	XMPP XEP-0220 (2015/03):2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XEP-0346: Form Discovery and Publishing	XMPP XEP-0346:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Information Access Services			
An Introduction to GeoRSS: A Standards Based Approach for Geo-enabling RSS feeds, v1.0.0	OGC 06-050r3:2006	BSP	NCIA/AWG
XForms 1.0	W3C REC-xforms-20031014:2003	BSP	NCIA/CES
Platform SMC Services			
Remote Network Monitoring Management Information Base, RMON-MIB version 2 using SMIv2	IETF RFC 2021:1997	BSP	NCIA/SMC
IP Version 6 Management Information Base for the Transmission Control Protocol	IETF RFC 2452:1998	BSP	NCIA/NSII

Title	Pubnum	Profiles	Responsible Party
IP Version 6 Management Information Base for the User Datagram Protocol	IETF RFC 2454:1998	BSP	NCIA/NSII
IPv6 MIB	IETF RFC 2465:1998	BSP	NCIA/SMC
ICMPv6 MIB	IETF RFC 2466:1998	BSP	NCIA/SMC
Enhanced Telecom Operations Map	TM-FORUM GB921:2012	BSP	NCIA/SMC
Service Discovery Services			
TIDE Service Discovery	NATO TIDE/TIDE-ID-SP:2008	BSP	NCIA/CES
OASIS ebXML Messaging Services Specification Ver 2.0	OASIS ebXML Message Service Ver 2.0:2002	BSP	NCIA/CES
Web Services Dynamic Discovery Version 1.1	OASIS wsdd-discovery-1.1-spec:2009	BSP	NCIA/CES
Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language	W3C REC-wsdl20-20070626:2007	BSP	NCIA/Sstrat/ Sea
Mediation Services			
NATO Vector Graphics (NVG) 2.0.2	NATO NVG 2.0.2:2015	FMN5-20221202	FMN CPWG
		FMN5-20221202	
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	BSP, PROPOSED-FMN5, FMN5-20221202	C3B CaP2
NATO Message Catalogue	NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6	PROPOSED-FMN5, FMN5-20221202	MC, MCJSB, IERHWG
Dismounted Soldier Systems Standards And Protocols for	NATO STANAG 4677 Ed 1:2014	FMN5-20221202	FMN CPWG

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Command, Control, Communications and Computers (C4) Interoperability (DSS C4 Interoperability)			
Data Format Transformation Services			
XML Query Language (XQuery)	W3C WD-xquery-20030502:2003	BSP	NCIA/CES
Message-Oriented Middleware Services			
SOAP Version 1.2	W3C SOAP Version 1.2:2001	BSP	NCIA/CES
Message Brokering Services			
Web Services Brokered Notification Ver 1.3	OASIS WS-BrokeredNotification:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
WS-BaseNotification	OASIS ws-notif:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
WS-Topics 1.3	OASIS wsn-ws_topics-1.3-spec-os:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Web Services Resource Properties	OASIS WS-ResourceProperties Ver 1.2:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Services Addressing 1.0 - Core	W3C WS-Addressing 1.0 - Core:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Direct Messaging Services			
Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types	IETF RFC 2046:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Uniform Resource Identifiers (URI): Generic Syntax	IETF RFC 3986:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The application/json Media Type for JavaScript Object Notation (JSON)	IETF RFC 4627:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

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PATCH Method for HTTP	IETF RFC 5789:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The OAuth 2.0 Authorization Framework	IETF RFC 6749:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
The OAuth 2.0 Authorization Framework: Bearer Token Usage	IETF RFC 6750:2012	PROPOSED-FMN5, FMN5-20221202	NCIA
Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing	IETF RFC 7230:2014	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content	IETF RFC 7231:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests	IETF RFC 7232:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Range Requests	IETF RFC 7233:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Caching	IETF RFC 7234:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Media Types	IETF RFC 7303:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
JSON Web Token (JWT)	IETF RFC 7519:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Assertion Framework for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7521:2015	PROPOSED-FMN5, FMN5-20221202	NCIA
Security Assertion Markup Language (SAML) 2.0 Profile for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7522:2015	PROPOSED-FMN5, FMN5-20221202	NCIA

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JSON Web Token (JWT) Profile for OAuth 2.0 Client Authentication and Authorization Grants	IETF RFC 7523:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Proof-of-Possession Key Semantics for JSON Web Tokens (JWTs)	IETF RFC 7800:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The JavaScript Object Notation (JSON) Data Interchange Format	IETF RFC 8259:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OAuth 2.0 Authorization Server Metadata	IETF RFC 8414:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OAuth 2.0 Token Exchange	IETF RFC 8693:2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Resource Indicators for OAuth 2.0	IETF RFC 8707:2020	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
JSON Web Token (JWT) Profile for OAuth 2.0 Access Tokens	IETF RFC 9068:2021	FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
Web Services Brokered Notification Ver 1.3	OASIS WS-BrokeredNotification:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
OASIS SAML V2.0 Metadata Interoperability Profile	OASIS SAML V2.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
WS-BaseNotification	OASIS ws-notif:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES

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WS-Topics 1.3	OASIS wsn-ws_topics-1.3-spec-os:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Web Services Resource Properties	OASIS WS-ResourceProperties Ver 1.2:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Services Security SAML Token Profile Ver 1.1.1	OASIS WSS SAML Token Profile Ver 1.1.1:2012	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Web Services Security: SOAP Message Security 1.1	OASIS wss-v1.1-spec-os-SOAPMessageSecurity:2006	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
WS-Trust 1.4	OASIS wstrust-1.4:2012	PROPOSED-FMN5, FMN5-20221202	NCIA/CS
Web Services Addressing 1.0 - Core	W3C WS-Addressing 1.0 - Core:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Service Description Language (WSDL) 1.1	W3C WSDL 1.1:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XHTML™ 1.0 in XML Schema	W3C XHTML 1.0 in XML Schema:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
SOAP Version 1.2 Part 1: Messaging Framework	W3C REC-soap12-part1-20030624:2007	PROPOSED-FMN5, FMN5-20221202	NCIA
eXtensible Markup Language (XML) 1.0 (Fifth Edition)	W3C XML 1.0 (Fith Edition):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Signature Syntax and Processing Version 1.1	W3C REC-xmldsig-core1-20130411:2013	PROPOSED-FMN5, FMN5-20221202	NCIA
XML Schema Part 1: Structures Second Edition	W3C XML Schema Part 1: Structures Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
XML Schema Part 2: Datatypes Second Edition	W3C XML Schema Part 1: Datatypes Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Basic Security Profile Version 1.1	WS-I Basic Security Profile 1.1:2010	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
WS-I Basic Profile 2.0	WS-I wsbp:2010	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Web Platform Services			
Web Host Metadata	IETF RFC 6415:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RESTCONF Protocol	IETF RFC 8040:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
XML Linking Language (XLink) Version 1.1	W3C REC-xlink11-20100506:2010	BSP	NCIA/CES
eXtensible Markup Language (XML) 1.1 (Second Edition)	W3C XML 1.1 (Second Edition):2006	BSP	NCIA/CES
Web Presentation Services			
Web Services for Remote Portlets Specification	OASIS wsrp-specification-2.0:2008	BSP	NCIA/CES
Web Hosting Services			
Uniform Resource Locators (URL)	IETF RFC 1738:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A summary of the X.500(96) User Schema for Use with LDAPv3	IETF RFC 2256:1997	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Definition of the inetOrgPerson LDAP Object Class	IETF RFC 2798:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Upgrading to TLS Within HTTP/1.1	IETF RFC 2817:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The 'text/html' Media Type	IETF RFC 2854:2000	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
UTF-8, a transformation format of ISO/IEC 10646	IETF RFC 3629:2003	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security Protocol Compression Methods	IETF RFC 3749:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Uniform Resource Identifiers (URI): Generic Syntax	IETF RFC 3986:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Atom Syndication Format, v1.0	IETF RFC 4287:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Scripting Media Types	IETF RFC 4329:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Lightweight Directory Access Protocol (LDAP) - Schema for User Applications	IETF RFC 4519:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The application/json Media Type for JavaScript Object Notation (JSON)	IETF RFC 4627:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Atom Publishing Protocol	IETF RFC 5023:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2	IETF RFC 5246:2008	PROPOSED-FMN5, FMN5-20221202	C3B CaP4

Title	Pubnum	Profiles	Responsible Party
Internet Message Format	IETF RFC 5322:2008	PROPOSED-FMN5, FMN5-20221202	NCIA
Internet Calendaring and Scheduling Core Object Specification (iCalendar)	IETF RFC 5545:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Renegotiation Indication Extension	IETF RFC 5746:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Transport Layer Security (TLS) Extensions: Extension Definitions	IETF RFC 6066:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Web Host Metadata	IETF RFC 6415:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing	IETF RFC 7230:2014	PROPOSED-FMN5, FMN5-20221202	NCIA/CES
Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content	IETF RFC 7231:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests	IETF RFC 7232:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Range Requests	IETF RFC 7233:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Caching	IETF RFC 7234:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Hypertext Transfer Protocol (HTTP/1.1): Authentication	IETF RFC 7235:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS)	IETF RFC 7525:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension	IETF RFC 7627:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Negotiated Finite Field Diffie-Hellman Ephemeral Parameters for Transport Layer Security (TLS)	IETF RFC 7919:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RESTCONF Protocol	IETF RFC 8040:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier	IETF RFC 8422:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Transport Layer Security (TLS) Protocol Version 1.3	IETF RFC 8446:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 1: Use of PDF 1.4 (PDF/A-1)	ISO 19005-1:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Electronic document file format for long-term preservation -- Part 2: Use of ISO 32000-1 (PDF/A-2)	ISO 19005-2:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Document management — Portable document format — Part 1: PDF 1.7	ISO 32000-1:2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Requirements and guidelines	ISO/IEC 10918-1:1994	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Digital compression and coding of continuous-tone still images: Extensions	ISO/IEC 10918-3:1997	FMN5-20221202	FMN CPWG
Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s; PCM Part 3: audio	ISO/IEC 11172-3:1993	FMN5-20221202	NCIA/NSII

Title	Pubnum	Profiles	Responsible Party
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC)	ISO/IEC 13818-7:2006	FMN5-20221202	NCIA/CES
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Amendment 1: Transport of MPEG Surround in AAC	ISO/IEC 13818-7:2006/Amd 1:2007	FMN5-20221202	FMN CPWG
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 1	ISO/IEC 3818-7:2006/Cor 1:2009	FMN5-20221202	FMN CPWG
Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) — Technical Corrigendum 2	ISO/IEC 3818-7:2006/Cor 2:2010	FMN5-20221202	FMN CPWG
Coding of audio-visual objects — Part 10: Advanced video coding	ISO/IEC 14496-10:2022	FMN5-20221202	FMN CPWG
Computer graphics and image processing — Portable Network Graphics (PNG): Functional specification	ISO/IEC 15948:2004	FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 1: OpenDocument Schema	ISO/IEC 26300-1:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 2: Recalculated Formula (OpenFormula) Format	ISO/IEC 26300-2:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Open Document Format for Office Applications (OpenDocument) v1.2 -- Part 3: Packages	ISO/IEC 26300-3:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2012	FMN5-20221202	FMN CPWG
Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference	ISO/IEC 29500-1:2016	PROPOSED-FMN5	C3B CaP1 CS CaT

Title	Pubnum	Profiles	Responsible Party
Confidentiality Metadata Label Syntax	NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Metadata Binding Mechanism	NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 DM CaT
Profiles for Binding Metadata to a Data Object	NATO ADatP-4778.2 Ed A Ver 2:2020	FMN5-20221202	C3B CaP1 DM CaT
NATO Message Catalogue	NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6	PROPOSED-FMN5	MC, MCJSB, IERHWG
OASIS SAML V2.0 Metadata Interoperability Profile	OASIS SAML V2.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
OGC 03-105r1: 2004-02-07, OpenGIS Geography Markup Language (GML) Implementation Specification version 3.1.1.	OGC 03-105r1:2004	FMN5-20221202	FMN CPWG
GML application schema for the Simple and GML serializations of GeoRSS	OGC GeoRSS Schema 1.1:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
RSS 2.0 Specification	RSS RSS 2.0 Specification:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Style Attributes	W3C CR-css-style-attr-20101012:2010	PROPOSED-FMN5	FMN CPWG
XHTML™ 1.0 in XML Schema	W3C XHTML 1.0 in XML Schema:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Character Model for the World Wide Web 1.0: Fundamentals	W3C Character Model for the WWW 1.0:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Namespaces Module Level 3	W3C CSS Namespaces Module Level 3:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Style Attributes	W3C CSS Style Attributes:2013	FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Cascading Style Sheets Level 2 Revision 1 (CSS 2.1) Specification	W3C REC-CSS2-2011067:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Color Module Level 3	W3C CSS Color Module Level 3:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Media Queries	W3C CSS Media Queries:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
CSS Selectors Level 4	W3C CSS Selectors Level 3:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
HTML5 - A vocabulary and associated APIs for HTML and XHTML (2014)	W3C APIs for HTML5 and XHTML:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internationalization Tag Set (ITS) Version 1.0	W3C ITS 1.0:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internationalization Tag Set (ITS) Version 2.0	W3C ITS 2.0:2013	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ruby Annotation	W3C Ruby Annotation:2001	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
eXtensible Markup Language (XML) 1.0 (Fifth Edition)	W3C XML 1.0 (Fith Edition):2008	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Signature Syntax and Processing Version 1.1	W3C REC-xmldsig-core1-20130411:2013	PROPOSED-FMN5	NCIA
XML Schema Part 1: Structures Second Edition	W3C XML Schema Part 1: Structures Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
XML Schema Part 2: Datatypes Second Edition	W3C XML Schema Part 1: Datatypes Ed 2:2004	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

[1]Except Appendix B, List of Geographical Data Field Identifiers (DFIs)

1.3.3. Communications Services

Title	Pubnum	Profiles	Responsible Party
Communications Services			
High Rate Ultra-Wide Band PHY and MAC Standard	ECMA ECMA-368:2008	BSP	NCIA/NSII
Broadband Radio Access Networks (BRAN) HiperMAN	ETSI TS 102 624-1:2009	BSP	NCIA/NSII
ZigBee	IEEE 802.15.4:2005	BSP	NCIA/NSII
Mobile WiMax	IEEE 802.16e:2006	BSP	NCIA/NSII
Wireless Broadband	IEEE 802.16e:2004	BSP	NCIA/NSII
Multiple Spanning Trees	IEEE 802.1S:2002	BSP	NCIA/NSII
Mobile Broadband Wireless Access (Draft)	IEEE 802.20:2006	BSP	NCIA/NSII
The Dynamic Source Routing Protocol (DSR) for Mobile Ad Hoc Networks for IPv4	IETF RFC 4728:2007	BSP	NCIA/NSII
Technical Standards for an Automatic Radio Control System (ARCS) for HF Communication Links[1]	NATO Study (expected) STANAG 4538 Ed 2	BSP	C3B CaP1 Blos Comms
Interoperability Standard for Satellite SHF Deployable Terminals Control and Command Services	NATO STANAG 4706 Ed 1:2018	BSP	C3B CaP1 SATCOM CaT
Common Alerting Protocol Ver 1.3	OASIS CAP Ver 1.2:2010	BSP	NCIA/Sstrat/ Sea
The Open Grid Services Architecture (OGSA) version 1.5	OGF draft-ogf-ogsa-spec-1.5-011:2006	BSP	NCIA/CES
Communications Access Services			
Standard Interfaces Of Unmanned Aircraft (UA) CONTROL System (UCS) for NATO UA Interoperability - Interface Control Document	NATO AEP-84 I Ed A Ver 1:2017 / STANAG 4586 Ed 4	BSP	CNAD, AC/141 NNAG, JCGUAS
Standard Interfaces Of Unmanned Aircraft (Ua) Control System (UCS) for NATO UA Interoperability - Interface Control Document	NATO AEP-84 II Ed A Ver 1:2017 / STANAG 4586 Ed 4	BSP	CNAD, AC/141 NNAG, JCGUAS

Title	Pubnum	Profiles	Responsible Party
Joint Range Extension Application Protocol (JREAP)	NATO Study (expected) ATDLP-5.18 (Study) Ed C Ver 1 / STANAG FT 5518 Ed 5	BSP	C3B CaP1 TDL CaT
Technical Characteristics of the Multifunctional Information Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A[2]	NATO Study (expected) STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT
Voice Access Services			
IP access to half-duplex radio networks	NATO AComP-5634 Ed A Ver 1:2022 / STANAG 5634 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
Tactical Messaging Access Services			
Call Sign Book for Ships Change 5	CCEB ACP 113(AJ) Change 5:2019	BSP	C3B NACP CaT
Information Assurance for Allied Communications and Information Systems	CCEB ACP 122(G):2015	BSP	C3B NACP CaT
Address Indicating Groups - Instructions and Assignments	NATO ACP 100 NS-1(Q)	BSP	C3B NACP CaT
Instructions for the Life Cyle Management of Allied Communications Publications (ACPs), NATO Supplement-1	NATO ACP 198 NS-1(H):2014	BSP	C3B NACP CaT
Tactical Data Exchange - Link 16 (Study Only)[3]	NATO Study (expected) ATDLP-5.16 Ed A Ver 1 / STANAG 5516 Ed 7	PROPOSED-FMN5	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16	NATO ATDLP-5.16 Ed B Ver 1:2019 / STANAG 5516 FT Ed 8	FMN5-20221202	C3B CaP1 TDL CaT
Interoperability Standard for Joint Range Extension Application Protocol (JREAP)[1]	NATO ATDLP-5.18 Ed B Ver 2:2019 / STANAG FT 5518 Ed 4	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 TDL CaT

Title	Pubnum	Profiles	Responsible Party
Joint Range Extension Application Protocol (JREAP)	NATO Study (expected) ATDLP-5.18 (Study) Ed C Ver 1 / STANAG FT 5518 Ed 5	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16	NATO Study (expected) ATDLP-5.16 Ed C Ver 1:2019 / STANAG FT (Study) 5516 Ed 9	BSP	C3B CaP1 TDL CaT
Technical Characteristics of the Multifunctional Information Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A[2]	NATO Study (expected) STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT
Communications Security Services			
The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP)	IETF RFC 4106:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IP Encapsulating Security Payload (ESP)	IETF RFC 4303:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA)	IETF RFC 4754:2007	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec	IETF RFC 4868:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Groups modulo a Prime (ECP Groups) for IKE and IKEv2	IETF RFC 5903:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Suite B Cryptographic Suites for IPsec	IETF RFC 6379:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 7296:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Algorithm Implementation Requirements and Usage Guidance for the Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 8247:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Networking and Information Infrastructure (NII) Internet Protocol (IP) Network Encryptor – Interoperability Specification (NINE ISPEC)	NATO AComp-4787 Ed A Ver 1:2018 / STANAG 4787 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
Frame-based Access Services			
Interface standard for LC connectors with protective housings related to IEC 61076-3-106	IEC 61754-20-100:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IEEE Standard for Ethernet	IEEE 802.3:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Information technology -- Generic cabling for customer premises -- Part 1: General requirements	ISO/IEC 11801-1:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Characteristics of a single-mode optical fibre and cable	ITU-T G.652:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Packet-based Access Services			
Interface standard for LC connectors with protective housings related to IEC 61076-3-106	IEC 61754-20-100:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IEEE Standard for Ethernet	IEEE 802.3:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Reserved IPv6 Subnet Anycast Addresses	IETF RFC 2526:1999	PROPOSED-FMN5, FMN5-20221202	NCIA
Distributing Authoritative Name Servers via Shared Unicast Addresses	IETF RFC 3258:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Unique Local IPv6 Unicast Addresses	IETF RFC 4193:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	IETF RFC 4443:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Operation of Anycast Services	IETF RFC 4786:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Neighbor Discovery for IP version 6 (IPv6)	IETF RFC 4861:2007	PROPOSED-FMN5, FMN5-20221202	NCIA
Using 127-Bit IPv6 Prefixes on Inter-Router Links	IETF RFC 6164:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Unique Origin Autonomous System Numbers (ASNs) per Node for Globally Anycasted Services	IETF RFC 6382:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Architectural Considerations of IP Anycast	IETF RFC 7094:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Security and Privacy Considerations for IPv6 Address Generation Mechanisms	IETF RFC 7721:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Protocol, version 4	IETF RFC 791:1981	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Protocol, Version 6 (IPv6) Specification	IETF RFC 8200:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ethernet Address Resolution Protocol	IETF RFC 826:1982	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII

Title	Pubnum	Profiles	Responsible Party
Information technology -- Generic cabling for customer premises -- Part 1: General requirements	ISO/IEC 11801-1:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Characteristics of a single-mode optical fibre and cable	ITU-T G.652:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IPv6 Routed Access Services			
Interoperability Point Quality of Service (IP QoS)	NATO AComP-4711 Ed A Ver 1:2018 / STANAG 4711 Ed 1	BSP	C3B CaP1 N&S CaT
IPv4 Routed Access Services			
Host Extensions for IP Multicasting	IETF RFC 1112:1989	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Address Allocation for Private Internets	IETF RFC 1918:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers	IETF RFC 2474:1998	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Group Management Protocol, Version 3	IETF RFC 3376:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan	IETF RFC 4632:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IANA Guidelines for IPv4 Multicast Address Assignments	IETF RFC 5771:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Standard Subnetting Procedure	IETF RFC 950:1985	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII

Title	Pubnum	Profiles	Responsible Party
IP QoS for the NII	NCIA TN-1417	BSP	C3B CaP1 N&S CaT
Wireless BLOS Mobile Narrowband Transmission Services			
Interoperability between Ultra High Frequency Satellite Communications (UHF SATCOM) Terminals - Integrated Waveform (IW)	NATO AComP-4681 Ed A Ver 1:2022 / STANAG 4681 Ed 2	FMN5-20221202	C3B CaP1 SATCOM CaT
Digital Interoperability between UHF communications terminals - Integrated Waveform (IWF)	NATO STANAG 4681 Ed 1:2015	PROPOSED-FMN5	C3B CaP1 SATCOM CaT
Wired Transmission Services			
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP2
Wireless LOS Mobile Transmission Services			
Bluetooth Core Specification 5.1	Bluetooth SIG Bluetooth 5.0:2016	BSP	NCIA/NSII
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 1:2017 / STANAG 5527 Ed 1	FMN5-20221202	C3B CaP2 FFT CaT
Friendly Force Tracking Systems (FFTS) Interoperability	NATO ADatP-36 Ed A Ver 2:2021	PROPOSED-FMN5	C3B CaP2 FFT CaT
Services to forward Friendly Force Information to Weapon Delivery Assets	NATO ADatP-37 Ed A Ver 1:2018 / STANAG 5528 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP2
Wireless LOS Mobile Wideband Transmission Services			
NATO High Capacity Data Rate Waveform (NHCDRWF) - Head Specification	NATO AComP-5649 (Study) I Ed A Ver 1 / STANAG (Study) 5649 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT

Title	Pubnum	Profiles	Responsible Party
NATO High Capacity Data Rate Waveform (NHCDRWF) - Link/Network Layer Specification	NATO AComP-5649 (Study) II Ed A Ver 1 / STANAG (Study) 5649 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
NATO High Capacity Data Rate Waveform (NHCDRWF) - Modem Specification	NATO AComP-5649 (Study) III Ed A Ver 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
NATO HDRWF (ESSOR) Introductory Document	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 1 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) LLC Layer Specification and Rationale (SSS) / Interface Control Document (ICD)	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 10 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) NET Layer Specification and Rationale (SSS) / Interface Control Document (ICD)	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 11	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) NET Layer Specification and Rationale (SSS) / Interface Control Document (ICD) Restricted Volume	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 12 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) MGT Layer Specification	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 13 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) MGT Layer Specification - Restricted volume	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 14 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
NATO HDRWF (ESSOR) System Specification	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 2 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
NATO HDRWF (ESSOR) System Specification – Restricted Volume	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 3 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms

Title	Pubnum	Profiles	Responsible Party
NATO HDRWF (ESSOR) System Specification – Confidential Volume	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 4 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
NATO HDRWF (ESSOR) System Specification – Security Target (Restricted)	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 5 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
NATO HDRWF (ESSOR) System Design Document	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 6 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) PHY Layer Specification and Rationale (SSS) / Interface Control Document (ICD) – Restricted	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 7 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) MAC Layer Specification and Rationale (SSS) / Interface Control Document (ICD)	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 8 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
HDR WF (ESSOR) MAC Layer Specification and Rationale (SSS) / Interface Control Document (ICD) – Restricted Volume	NATO AComP-5651 (Study) Ed A Ver 1 - Vol 9 / STANAG (Study) 5651 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 Blos Comms
Technical Characteristics of the Multifunctional Information Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A[2]	NATO Study (expected) STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT
Wireless LOS Mobile Narrowband Transmission Services			
SATURN - A Fast Frequency Hopping ECCM Mode for UHF Radio	NATO AComP-4372 Ed A Ver 1:2019 / STANAG 4372 Ed 4	FMN5-20221202	MC, MCJSB, JGS
Narrowband Waveform for VHF/UHF Radios - Head Specification	NATO AComP-5630 Ed A Ver 1:2019 / STANAG 5630 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
Narrowband Waveform for VHF/UHF Radios - Physical Layer and Propagation Models	NATO AComP-5631 Ed A Ver 1:2019 / STANAG 5630 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT

Title	Pubnum	Profiles	Responsible Party
Narrowband Waveform for VHF/UHF Radios - Link Layer	NATO AComP-5632 Ed A Ver 1:2019	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
Narrowband Waveform for VHF/UHF Radios - Network Layer	NATO AComP-5633 Ed A Ver 1:2019	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 LOS Comms CaT
Saturn - A Fast Frequency Hopping ECCM Mode for UHF Radio	NATO STANAG 4372 Ed 3:2008	PROPOSED-FMN5	C3B CaP1 LOS Comms CaT
Voice Coding Algorithm	NATO STANAG 4444 Ed 2:2015	BSP	C3B CaP1 Blos Comms
Transport Services			
Interface standard for LC connectors with protective housings related to IEC 61076-3-106	IEC 61754-20-100:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IEEE Standard for Ethernet	IEEE 802.3:2018	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IP Version 6 over PPP	IETF RFC 2472:1998	BSP	NCIA/NSII
Reserved IPv6 Subnet Anycast Addresses	IETF RFC 2526:1999	PROPOSED-FMN5, FMN5-20221202	NCIA
Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing	IETF RFC 2545:1999	BSP	FMN CPWG
Stateless IP/ICMP Translation Algorithm (SIIT)	IETF RFC 2765:2000	BSP	NCIA/NSII
Mobility Support in IPv6	IETF RFC 3775:2004	BSP	NCIA/NSII
Unique Local IPv6 Unicast Addresses	IETF RFC 4193:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	IETF RFC 4443:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Neighbor Discovery for IP version 6 (IPv6)	IETF RFC 4861:2007	PROPOSED-FMN5, FMN5-20221202	NCIA
Using 127-Bit IPv6 Prefixes on Inter-Router Links	IETF RFC 6164:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
BGP Support for Four-Octet Autonomous System (AS) Number Space	IETF RFC 6793:2012	BSP	FMN CPWG
Security and Privacy Considerations for IPv6 Address Generation Mechanisms	IETF RFC 7721:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Protocol, version 4	IETF RFC 791:1981	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Protocol, Version 6 (IPv6) Specification	IETF RFC 8200:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ethernet Address Resolution Protocol	IETF RFC 826:1982	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Information technology -- Generic cabling for customer premises -- Part 1: General requirements	ISO/IEC 11801-1:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Characteristics of a single-mode optical fibre and cable	ITU-T G.652:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IP QoS for the NII	NCIA TN-1417	BSP	C3B CaP1 N&S CaT
Packet-based Broadcast Services			
Host Extensions for IP Multicasting	IETF RFC 1112:1989	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Address Allocation for Private Internets	IETF RFC 1918:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers	IETF RFC 2474:1998	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Reserved IPv6 Subnet Anycast Addresses	IETF RFC 2526:1999	PROPOSED-FMN5, FMN5-20221202	NCIA
Internet Group Management Protocol, Version 3	IETF RFC 3376:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Unique Local IPv6 Unicast Addresses	IETF RFC 4193:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	IETF RFC 4443:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Configuration Guidelines for DiffServ Service Classes	IETF RFC 4594:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan	IETF RFC 4632:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Neighbor Discovery for IP version 6 (IPv6)	IETF RFC 4861:2007	PROPOSED-FMN5, FMN5-20221202	NCIA
IANA Guidelines for IPv4 Multicast Address Assignments	IETF RFC 5771:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Using 127-Bit IPv6 Prefixes on Inter-Router Links	IETF RFC 6164:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Security and Privacy Considerations for IPv6 Address Generation Mechanisms	IETF RFC 7721:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Protocol, version 4	IETF RFC 791:1981	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Protocol, Version 6 (IPv6) Specification	IETF RFC 8200:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ethernet Address Resolution Protocol	IETF RFC 826:1982	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Standard Subnetting Procedure	IETF RFC 950:1985	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Quality of service ranking and measurement methods for digital video services delivered over broadband IP networks	ITU-T J.241:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Performance objectives and procedures for provisioning and maintenance of IP-based networks	ITU-T M.2301:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet protocol data communication service - IP packet transfer and availability performance parameters	ITU-T Y.1540 (12/19):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Network performance objectives for IP-based services	ITU-T Y.1541:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Framework for achieving end-to-end IP performance objectives	ITU-T Y.1542:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Interoperability Point Quality of Service (IP QoS)	NATO AComP-4711 Ed A Ver 1:2018 / STANAG 4711 Ed 1	BSP, PROPOSED-	C3B CaP1 N&S CaT

Title	Pubnum	Profiles	Responsible Party
		FMN5, FMN5-20221202	
Packet-based Aggregation Services			
Interoperability Point Quality of Service (IP QoS)	NATO AComP-4711 Ed A Ver 1:2018 / STANAG 4711 Ed 1	BSP	C3B CaP1 N&S CaT
Transport Cryptography Services			
The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP)	IETF RFC 4106:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IP Encapsulating Security Payload (ESP)	IETF RFC 4303:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA)	IETF RFC 4754:2007	PROPOSED-FMN5, FMN5-20221202	C3B CaP4
Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec	IETF RFC 4868:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Elliptic Curve Groups modulo a Prime (ECP Groups) for IKE and IKEv2	IETF RFC 5903:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Suite B Cryptographic Suites for IPsec	IETF RFC 6379:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 7296:2014	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Algorithm Implementation Requirements and Usage Guidance for the Internet Key Exchange Protocol Version 2 (IKEv2)	IETF RFC 8247:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Edge Services			
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Internet Protocol, version 4	IETF RFC 791:1981	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Ethernet Address Resolution Protocol	IETF RFC 826:1982	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Packet-based Transport Services			
Host Extensions for IP Multicasting	IETF RFC 1112:1989	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Path MTU Discovery	IETF RFC 1191:1990	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Address Allocation for Private Internets	IETF RFC 1918:1996	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers	IETF RFC 2474:1998	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Reserved IPv6 Subnet Anycast Addresses	IETF RFC 2526:1999	PROPOSED-FMN5, FMN5-20221202	NCIA
Internet Group Management Protocol, Version 3	IETF RFC 3376:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Unique Local IPv6 Unicast Addresses	IETF RFC 4193:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	IETF RFC 4443:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Configuration Guidelines for DiffServ Service Classes	IETF RFC 4594:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan	IETF RFC 4632:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Neighbor Discovery for IP version 6 (IPv6)	IETF RFC 4861:2007	PROPOSED-FMN5, FMN5-20221202	NCIA
IANA Guidelines for IPv4 Multicast Address Assignments	IETF RFC 5771:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Using 127-Bit IPv6 Prefixes on Inter-Router Links	IETF RFC 6164:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Security and Privacy Considerations for IPv6 Address Generation Mechanisms	IETF RFC 7721:2016	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Internet Protocol, version 4	IETF RFC 791:1981	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Protocol, Version 6 (IPv6) Specification	IETF RFC 8200:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Ethernet Address Resolution Protocol	IETF RFC 826:1982	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
A Standard for the Transmission of IP Datagrams over Ethernet Networks	IETF RFC 894:1984	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Internet Standard Subnetting Procedure	IETF RFC 950:1985	PROPOSED-FMN5, FMN5-20221202	NCIA/NSII
Quality of service ranking and measurement methods for digital video services delivered over broadband IP networks	ITU-T J.241:2005	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Performance objectives and procedures for provisioning and maintenance of IP-based networks	ITU-T M.2301:2002	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Internet protocol data communication service - IP packet transfer and availability performance parameters	ITU-T Y.1540 (12/19):2019	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Network performance objectives for IP-based services	ITU-T Y.1541:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Framework for achieving end-to-end IP performance objectives	ITU-T Y.1542:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Interoperability Point Quality of Service (IP QoS)	NATO AComP-4711 Ed A Ver 1:2018 / STANAG 4711 Ed 1	PROPOSED-FMN5, FMN5-20221202	C3B CaP1 N&S CaT
IP QoS for the NII	NCIA TN-1417	BSP	C3B CaP1 N&S CaT
Packet Routing Services			
A Border Gateway Protocol 4 (BGP-4)	IETF RFC 4271:2006	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Multiprotocol Extensions for BGP-4	IETF RFC 4760:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
The Generalized TTL Security Mechanism (GTSM)	IETF RFC 5082:2007	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Capabilities Advertisement with BGP-4	IETF RFC 5492:2009	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD)	IETF RFC 5880:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop)	IETF RFC 5881:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Bidirectional Forwarding Detection (BFD) for Multihop Paths	IETF RFC 5883:2010	PROPOSED-FMN5, FMN5-20221202	FMN CPWG

Title	Pubnum	Profiles	Responsible Party
Autonomous-System-Wide Unique BGP Identifier for BGP-4	IETF RFC 6286:2011	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
BGP Support for Four-Octet Autonomous System (AS) Number Space	IETF RFC 6793:2012	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Revised Error Handling for BGP UPDATE Messages	IETF RFC 7606:2015	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Default External BGP (EBGP) Route Propagation Behavior without Policies	IETF RFC 8212:2017	PROPOSED-FMN5, FMN5-20221202	FMN CPWG
Interoperability Point Quality of Service (IP QoS)	NATO AComP-4711 Ed A Ver 1:2018 / STANAG 4711 Ed 1	BSP	C3B CaP1 N&S CaT
Standard for Interconnection of IPv4 and IPv6 Networks at Mission Secret and Unclassified Security Levels	NATO AComP-5067 Ed A Ver 1 / STANAG (RD) 5067 Ed 2	BSP	C3B CaP1 N&S CaT

[1]The extant edition is Ed 1

[2]The extant edition is Ed 5

[3]The extant edition is Ed 5 and Ed 6 is still in ratification

1.3.4. Extended C3 Taxonomy

009. The following table list taxonomy nodes, which will be part of a future version of the C3 taxonomy. They are part of this document, because stakesholders have decided to using an unofficial classification scheme for a specific purpose.

1.4. UNASSIGNED STANDARDS

010. The following standards have been declared candidate standards for NATO common funded systems. However, no information of how to map the standards to the C3 Taxonomy have been provided.

CHAPTER 2. CANDIDATE PROFILES

2.1. INTRODUCTION

011. The NATO Interoperability Standards and Profiles include the set of Candidate Profiles listed below.

Table 2.1. Candidate Profiles

Service Area	Title
Abstract	
URI	
Federated Mission Networking	Proposed FMN Spiral 5 Profile (Baseline 100117)
This document provides an overview of the standards that have been used in the FMN Spiral 5 Specification and secondly, the standard profiles that have been developed to provide implementation guidance for these sets of standards in the Capability Enhancements.	
FMN Spiral 5 Standards Profile	FMN5-20221202

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