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Volume 3

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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.

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

RESERVED FOR NATIONAL LETTER OF PROMULGATION

RECORD OF RESERVATIONS

revision: v14.2-81-ge0a1003

| CHAPTER | RECORD OF RESERVATION BY NATIONS |
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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.

RECORD OF SPECIFIC RESERVATIONS

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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 | FMN CPWG |
| Uniform Resource Identifiers (URI): Generic Syntax | IETF RFC 3986:2005 | PROPOSED- FMN5 | FMN CPWG |
| The application/json Media Type for JavaScript Object Notation (JSON) | IETF RFC 4627:2006 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|--|---|--------------------|-------------------|
| PATCH Method for HTTP | IETF RFC 5789:2010 | PROPOSED- FMN5 | FMN CPWG |
| The OAuth 2.0 Authorization Framework: Bearer Token Usage | IETF RFC 6750:2012 | PROPOSED- FMN5 | NCIA |
| Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing | IETF RFC 7230:2014 | PROPOSED- FMN5 | NCIA/CES |
| Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content | IETF RFC 7231:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests | IETF RFC 7232:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Range Requests | IETF RFC 7233:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Caching | IETF RFC 7234:2014 | PROPOSED- FMN5 | FMN CPWG |
| XML Media Types | IETF RFC 7303:2014 | PROPOSED- FMN5 | FMN CPWG |
| The JavaScript Object Notation (JSON) Data Interchange Format | IETF RFC 8259:2017 | PROPOSED- FMN5 | FMN CPWG |
| OAuth 2.0 Authorization Server Metadata | IETF RFC 8414:2018 | PROPOSED- FMN5 | FMN CPWG |
| Web Services Brokered Notification Ver 1.3 | OASIS WS- BrokeredNotification:2 | PROPOSED- POMN5 | NCIA/CES |
| OASIS SAML V2.0 Metadata Interoperability Profile | OASIS SAML V2.0:2005 | PROPOSED- FMN5 | FMN CPWG |
| WS-BaseNotification | OASIS ws-notif:2006 | PROPOSED- FMN5 | NCIA/CES |
| WS-Topics 1.3 | OASIS wsn- ws_topics-1.3-spec- os:2006 | PROPOSED- FMN5 | NCIA/CES |
| Web Services Resource Properties | OASIS WS- ResourceProperties Ver 1.2:2006 | PROPOSED- FMN5 | FMN CPWG |
| Web Services Security SAML Token Profile Ver 1.1.1 | | PROPOSED- FMN5 | C3B CaP4 |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|----------------------------|-------------------|
| Web Services Security: SOAP Message Security 1.1 | OASIS wss-v1.1- spec-os- SOAPMessageSecurity | PROPOSED- FMN5 :2006 | NCIA/CES |
| Web Services Addressing 1.0 - Core | W3C WS-Addressing 1.0 - Core:2006 | PROPOSED- FMN5 | FMN CPWG |
| Web Service Description Language (WSDL) 1.1 | W3C WSDL 1.1:2001 | PROPOSED- FMN5 | FMN CPWG |
| XHTML™ 1.0 in XML Schema | W3C XHTML 1.0 in XML Schema:2002 | PROPOSED- FMN5 | FMN CPWG |
| SOAP Version 1.2 Part 1: Messaging Framework | W3C REC-soap12- part1-20030624:2007 | PROPOSED- FMN5 | NCIA |
| eXtensible Markup Language (XML) 1.0 (Fifth Edition) | W3C XML 1.0 (Fith Edition):2008 | PROPOSED- FMN5 | FMN CPWG |
| XML Signature Syntax and Processing Version 1.1 | W3C REC-xmldsig- core1-20130411:2013 | | NCIA |
| XML Schema Part 1: Structures Second Edition | W3C XML Schema Part 1: Structures Ed 2:2004 | | FMN CPWG |
| XML Schema Part 2: Datatypes Second Edition | W3C XML Schema Part 1: Datatypes Ed 2:2004 | | FMN CPWG |
| Basic Security Profile Version 1.1 | WS-I Basic Security Profile 1.1:2010 | PROPOSED- FMN5 | C3B CaP4 |
| WS-I Basic Profile 2.0 | WS-I wsbp:2010 | PROPOSED- FMN5 | NCIA/CES |
| Communication and Collaboration | Applications | | |
| NATO Vector Graphics (NVG) 2.0.2 | NATO NVG 2.0.2:2015 | PROPOSED- FMN5 | FMN CPWG |
| ESRI Shapefile Technical Description | ESRI shapefile:1998 | PROPOSED- FMN5 | AMN TMO |
| XML Schema of the Geodatabase | ESRI XML Schema of the Geodatabase:2008 | PROPOSED- FMN5 | FMN CPWG |
| Extensible Messaging and Presence Protocol (XMPP): Core | IETF RFC 6120:2011 | PROPOSED- FMN5 | NCIA |
| Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence | IETF RFC 6121:2011 | PROPOSED- FMN5 | NCIA |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|-------------------|-------------------------|
| Extensible Messaging and Presence Protocol (XMPP): Address Format | IETF RFC 6122:2011 | PROPOSED- FMN5 | NCIA |
| 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 | FMN CPWG |
| NATO Geospatial Information Framework | NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2 | PROPOSED- FMN5 | MC, MCJSB, JGS |
| Additional Military Layers (AML) - Digital Geospatial Data Products | | | MC, MCJSB, JGS |
| NATO Joint Military Symbology | NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7 | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| Vector Smart Map (VMAP) Level 1 | US DoD MIL- PRF-89033:1995 | PROPOSED- FMN5 | FMN CPWG |
| Compressed ARC Digitized Raster Graphics (ADRG) | NGA MIL- PRF-89038:1994 | PROPOSED- FMN5 | FMN CPWG |
| Vector Smart Map (VMAP) Level 0 | US DoD MIL- PRF-89039:1995 | PROPOSED- FMN5 | FMN CPWG |
| Raster Product Format | NGA MIL- STD-2411:2010 | PROPOSED- FMN5 | FMN CPWG |
| GML in JPEG 2000 for Geographic Imagery (GMLJP2) | OGC 05-047r3:2006 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0004: Data Forms (2020/05) | XMPP XEP-0004 (2020/05):2020 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0012: Last Activity | XMPP XEP-0012:2008 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0045: Multi-User Chat (2019/05) | XMPP XEP-0045 (2019/05):2019 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0054: vcard-temp | XMPP XEP-0054:2008 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0068: Field Standardization for Data Forms | XMPP XEP-0068:2012 | PROPOSED- FMN5 | NCIA |
| XEP-0106: JID Escaping | XMPP XEP-0106:2007 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|---------------------------------|-------------------|-------------------|
| XEP-0115: Entity Capabilities (2020/05) | XMPP XEP-0115 (2020/05):2020 | PROPOSED- FMN5 | FMN CPWG |
| | XMPP XEP-0160 (2016/10):2016 | PROPOSED- FMN5 | FMN CPWG |
| 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 | NCIA |
| XEP-0203: Delayed Delivery | XMPP XEP-0203:2009 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0220: Server Dialback (2015/03) | XMPP XEP-0220 (2015/03):2015 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0346: Form Discovery and Publishing | XMPP XEP-0346:2017 | PROPOSED- FMN5 | 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 | | | Pubnu | m | Profiles | Respo Party | onsible |
|-----------------|--------------|----------|-------|--------------|-----------|----------------|---------|
| Recognized Man | ritime Pictu | re Servi | ices | | | | |
| Confidentiality | Metadata | Label | NATO | ADatP-4774 | PROPOSED- | СЗВ | CaP1 |
| Syntax | | | Ed A | Ver 1:2017 / | FMN5 | DM C | CaT |
| | | | STAN | AG 4774 Ed 1 | | | |

| Title | Pubnum | Profiles | Responsible Party |
|--|--|-------------------|-------------------------|
| Metadata Binding Mechanism | NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1 | PROPOSED- FMN5 | 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 | | C3B CaP1 DM CaT |
| Over-The-Horizon Targeting Gold baseline 2007 | US DoD OTH-T Gold Baseline 2007:2007 | PROPOSED- FMN5 | C3B CaP1 DM CaT |
| Situational Awareness Services | | | |
| NATO Vector Graphics (NVG) 2.0.2 | NATO NVG 2.0.2:2015 | PROPOSED- FMN5 | FMN CPWG |
| 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 | | PROPOSED- FMN5 | C3B CaP2 |
| NATO Joint Military Symbology | NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7 | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| NATO Message Catalogue | NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6 | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| Recognized Picture Services | | | |
| NATO Vector Graphics (NVG) 2.0.2 | NATO NVG 2.0.2:2015 | PROPOSED- FMN5 | FMN CPWG |
| NATO Joint Military Symbology | NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7 | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| Symbology Services | | | |
| NATO Vector Graphics Specification post version 2.0.2, to be issued 1Q2023 | | BSP | C3B CaP1 |

| Title | Pubnum | Profiles | Responsible Party |
|--|--|-------------------|-------------------------|
| 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 | FMN CPWG |
| Confidentiality Metadata Label Syntax | NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1 | | C3B CaP1 DM CaT |
| Metadata Binding Mechanism | NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1 | PROPOSED- FMN5 | C3B CaP1 DM CaT |
| NATO Core Metadata Specification | NATO ADatP-5636 Ed A Ver 1:2022 / STANAG 5636 Ed 1 | | C3B CaP1 DM CaT |
| NATO Core Data Framework (NCDF) | NATO ADatP-5653 (Study) Ed A Ver 1 / STANAG (Study) 5653 Ed 1 | | C3B CaP1 DM CaT |
| NATO Joint Military Symbology | NATO APP-06 Ed D Ver 1:2017 / STANAG 2019 Ed 7 | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| Track Management Services | | | |
| 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 | | PROPOSED- FMN5 | 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 | MC, MCJSB, IERHWG |
| Tactical Data Exchange - Link 16 | NATO Study (expected) | BSP | C3B CaP1 TDL CaT |

| Title | Pubnum | Profiles | Responsible Party |
|--|---|-------------------|-------------------------|
| | ATDLP-5.16 Ed C Ver 1:2019 / STANAG FT (Study) 5516 Ed 9 | | |
| Track Distribution Services | | | |
| 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 | | PROPOSED- FMN5 | C3B CaP2 |
| NATO Message Catalogue | NATO APP-11 Ed D Ver 1:2015 / STANAG 7149 Ed 6 | | MC, MCJSB, IERHWG |
| Modelling and Simulation Services | | | |

1.3.2. Core Services

| Title | Pubnum | Profiles | Responsible Party |
|---|---|-------------------|----------------------|
| Geospatial Services | | | |
| ESRI Shapefile Technical Description | ESRI shapefile:1998 | PROPOSED- FMN5 | AMN TMO |
| XML Schema of the Geodatabase | ESRI XML Schema of the Geodatabase:2008 | PROPOSED- FMN5 | FMN CPWG |
| 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 | FMN CPWG |
| NATO Geospatial Information Framework | NATO AGeoP-11 Ed B Ver 1:2018 / STANAG 2592 Ed 2 | PROPOSED- FMN5 | 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 | MC, MCJSB, JGS |
| NATO Geospatial Web Services | NATO Study (expected) AGeoP-26 (Study) Ed B Ver 1 | BSP | MC, MCJSB, JGS |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|-------------------|----------------------|
| Vector Smart Map (VMAP) Level 1 | US DoD MIL- PRF-89033:1995 | PROPOSED- FMN5 | FMN CPWG |
| Compressed ARC Digitized Raster Graphics (ADRG) | NGA MIL- PRF-89038:1994 | PROPOSED- FMN5 | FMN CPWG |
| Vector Smart Map (VMAP) Level 0 | US DoD MIL- PRF-89039:1995 | PROPOSED- FMN5 | FMN CPWG |
| Raster Product Format | NGA MIL- STD-2411:2010 | PROPOSED- FMN5 | 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 |
| 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 |
| OpenGIS Web Map Tile Service Implementation Standard | OGC 07-057r7:2010 | PROPOSED- FMN5 | NCIA/AWG |
| Geospatial Web Feature Services | | | |
| Defence Profile of OGC Web Feature Service 2.0 | DIGWG DGIWG-122:2019 | PROPOSED- FMN5 | FMN CPWG |
| OGC Web Feature Service 2.0 Interface Standard – With Corrigendum | OGC 09-025r2:2014 | PROPOSED- FMN5 | 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 |
| OpenGIS Web Map Service (WMS) Implementation Specification | OGC 06-042:2006 | PROPOSED- FMN5 | FMN CPWG |
| Information Management Services | 5 | | J |
| Application Vulnerability Description Language (AVDL) Ver 1.0 | | BSP | NCIA/CS |

| Title | Pubnum | Profiles | Responsible Party |
|--|---|-------------------|---------------------|
| Search Services | | | |
| Atom Syndication Format, v1.0 | IETF RFC 4287:2005 | PROPOSED- FMN5 | FMN CPWG |
| XML Media Types | IETF RFC 7303:2014 | PROPOSED- FMN5 | FMN CPWG |
| OpenSearch 1.1.0 | Opensearch OpenSearch 1.1.0:2021 | PROPOSED- FMN5 | FMN CPWG |
| RSS 2.0 Specification | RSS RSS 2.0 Specification:2009 | PROPOSED- FMN5 | FMN CPWG |
| eXtensible Markup Language (XML) 1.0 (Fifth Edition) | W3C XML 1.0 (Fith Edition):2008 | PROPOSED- FMN5 | 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 Ser | vices | | , |
| Common Biometric Exchange Formats Framework (CBEFF) - 2018 Edition | | | NCIA/JISR |

| Title | Pubnum | Profiles | Responsible Party |
|--|---------------------------------------|-------------------|-------------------------------------|
| 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 Management API REST Specification R19.0.1 | TM-FORUM TMF621 (2019/11):2019 | PROPOSED- FMN5 | FMN CPWG |
| Trouble Ticket Management API Conformance Profile R19.0.1 | TM-FORUM TMF621B (2019/11):2019 | PROPOSED- FMN5 | FMN CPWG |
| Service Inventory API User Guide | TM-FORUM TMF638 (2020/07):2020 | PROPOSED- FMN5 | FMN CPWG |
| Resource Inventory API User Guide | TM-FORUM TMF639 (2020/07):2020 | PROPOSED- FMN5 | 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 | FMN CPWG |
| Change Management API REST Specification R18.0.1 | TM-FORUM TMF655 (2018/09):2018 | PROPOSED- FMN5 | FMN CPWG |
| Service Quality Management API User Guide | TM-FORUM TMF657 (2020/05):2020 | PROPOSED- FMN5 | FMN CPWG |
| Process Flow Management API REST Specification R19.0.1 | TM-FORUM TMF701 (2019/11):2019 | PROPOSED- FMN5 | FMN CPWG |
| Communication and Collaboration | Services | | |
| HTML5 - A vocabulary and associated APIs for HTML and XHTML (2012) | | BSP | NCIA/CES |
| Fax Services | | | |

| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|-------------------|
| Procedures for real-time Group 3 facsimile communication over IP networks | ITU-T T.38:2010 | BSP | NCIA/NSII |
| Audio-based Communication Serv | ices | | |
| Session Initiation Protocol (SIP) | IETF RFC 3261:2002 | PROPOSED- FMN5 | FMN CPWG |
| Reliability of Provisional Responses in the Session Initiation Protocol (SIP) | IETF RFC 3262:2002 | PROPOSED- FMN5 | FMN CPWG |
| An Offer/Answer Model with the Session Description Protocol (SDP) | IETF RFC 3264:2002 | PROPOSED- FMN5 | FMN CPWG |
| The Session Initiation Protocol (SIP) UPDATE Method | IETF RFC 3311:2002 | PROPOSED- FMN5 | FMN CPWG |
| RTP: A Transport Protocol for Real- Time Applications | IETF RFC 3550:2003 | PROPOSED- FMN5 | FMN CPWG |
| Session Timers in the Session Initiation Protocol (SIP) | IETF RFC 4028:2005 | PROPOSED- FMN5 | FMN CPWG |
| A Border Gateway Protocol 4 (BGP-4) | IETF RFC 4271:2006 | PROPOSED- FMN5 | FMN CPWG |
| A Framework for Conferencing with the Session Initiation Protocol (SIP) | IETF RFC 4353:2006 | PROPOSED- FMN5 | FMN CPWG |
| Extending the Session Initiation Protocol (SIP) Reason Header for Preemption Events | IETF RFC 4411:2006 | PROPOSED- FMN5 | FMN CPWG |
| Communications Resource Priority for the Session Initiation Protocol (SIP) | | PROPOSED- FMN5 | FMN CPWG |
| SDP: Session Description Protocol | IETF RFC 4566:2006 | PROPOSED- FMN5 | FMN CPWG |
| Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents | | PROPOSED- FMN5 | FMN CPWG |
| RTP Payload for DTMF Digits, Telephony Tones, and Telephony Signals | IETF RFC 4733:2006 | PROPOSED- FMN5 | FMN CPWG |
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| Capabilities Advertisement with BGP-4 | IETF RFC 5492:2009 | PROPOSED- FMN5 | FMN CPWG |
| Bidirectional Forwarding Detection (BFD) | IETF RFC 5880:2010 | PROPOSED- FMN5 | FMN CPWG |
| Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop) | IETF RFC 5881:2010 | PROPOSED- FMN5 | FMN CPWG |
| Bidirectional Forwarding Detection (BFD) for Multihop Paths | IETF RFC 5883:2010 | PROPOSED- FMN5 | FMN CPWG |
| Autonomous-System-Wide Unique BGP Identifier for BGP-4 | IETF RFC 6286:2011 | PROPOSED- FMN5 | FMN CPWG |
| SIP-Specific Event Notification | IETF RFC 6665:2012 | PROPOSED- FMN5 | FMN CPWG |
| BGP Support for Four-Octet Autonomous System (AS) Number Space | IETF RFC 6793:2012 | PROPOSED- FMN5 | FMN CPWG |
| Revised Error Handling for BGP UPDATE Messages | IETF RFC 7606:2015 | PROPOSED- FMN5 | FMN CPWG |
| RTP Topologies | IETF RFC 7667:2015 | PROPOSED- FMN5 | FMN CPWG |
| Default External BGP (EBGP) Route Propagation Behavior without Policies | | PROPOSED- FMN5 | FMN CPWG |
| 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 | C3B CaP1 N&S CaT |
| Securing SIP Signaling - Use of TLS with SCIP | CIS3 C&IP SCIP-214.3:2014 | PROPOSED- FMN5 | C3B CaP1 N&S CaT |
| Interoperable Terminal Priority (TP) Community of Interest (COI) Specification rev.1.0 | 1 | PROPOSED- FMN5 | C3B CaP1 N&S CaT |

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| Notation for national and international telephone numbers, e-mail addresses and web addresses | ITU-T E.123:2001 | PROPOSED- FMN5 | FMN CPWG |
| The international public telecommunication numbering plan | ITU-T E.164:2010 | PROPOSED- FMN5 | FMN CPWG |
| Pulse code modulation (PCM) of voice frequencies | ITU-T G.711:1988 | PROPOSED- FMN5 | 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 | FMN CPWG |
| Low-complexity coding at 24 and 32 kbit/s for hands-free operation in systems with low frame loss | | PROPOSED- FMN5 | 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 | FMN CPWG |
| Advanced video coding for generic audiovisual services | ITU-T H.264:2017 | PROPOSED- FMN5 | FMN CPWG |
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| International Network Numbering for Communications Systems in use in NATO | | PROPOSED- FMN5 | C3B CaP1 N&S CaT |
| Calendaring and Scheduling Services | | | |
| Internet Calendaring and Scheduling Core Object Specification (iCalendar) | IETF RFC 5545:2009 | PROPOSED- FMN5 | FMN CPWG |
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| SMTP Service Extension for Message Size Declaration | IETF RFC 1870:1995 | PROPOSED- FMN5 | FMN CPWG |
| The text/enriched MIME Content-type | IETF RFC 1896:1996 | PROPOSED- FMN5 | FMN CPWG |
| SMTP Service Extension for Returning Enhanced Error Codes | IETF RFC 2034:1996 | PROPOSED- FMN5 | FMN CPWG |
| Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies | IETF RFC 2045:1996 | PROPOSED- FMN5 | FMN CPWG |
| Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types | IETF RFC 2046:1996 | PROPOSED- FMN5 | FMN CPWG |
| Multipurpose Internet Mail Extensions (MIME) Part Three: Message Header Extensions for Non- ASCII Text | IETF RFC 2047:1996 | PROPOSED- FMN5 | FMN CPWG |
| Multipurpose Internet Mail Extensions (MIME) Part Five: Conformance Criteria and Example | IETF RFC 2049:1996 | PROPOSED- FMN5 | FMN CPWG |
| SMTP Service Extension for Command Pipelining | IETF RFC 2920:2000 | PROPOSED- FMN5 | FMN CPWG |
| MTP Service Extension for Secure SMTP over Transport Layer Security (TLS) | | PROPOSED- FMN5 | FMN CPWG |
| Simple Mail Transfer Protocol (SMTP) Service Extension for Delivery Status Notifications (DSNs) | | PROPOSED- FMN5 | FMN CPWG |
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| The Text/Plain Format and DelSp Parameters | IETF RFC 3676:2004 | PROPOSED- FMN5 | FMN CPWG |
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| SMTP Service Extension for Authentication | IETF RFC 4954:2007 | PROPOSED- FMN5 | FMN CPWG |
| URI Fragment Identifiers for the text/plain Media Type | IETF RFC 5147:2008 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2 | IETF RFC 5246:2008 | PROPOSED- FMN5 | C3B CaP4 |
| Simple Mail Transfer Protocol | IETF RFC 5321:2008 | PROPOSED- FMN5 | FMN CPWG |
| Internet Message Format | IETF RFC 5322:2008 | PROPOSED- FMN5 | NCIA |
| Internet Calendaring and Scheduling Core Object Specification (iCalendar) | IETF RFC 5545:2009 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Renegotiation Indication Extension | IETF RFC 5746:2010 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Extensions: Extension Definitions | IETF RFC 6066:2011 | PROPOSED- FMN5 | FMN CPWG |
| SMTP Service Extension for 8-bit MIME Transport | IETF RFC 6152:2011 | PROPOSED- FMN5 | FMN CPWG |
| Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS) | | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension | | PROPOSED- FMN5 | FMN CPWG |
| Negotiated Finite Field Diffie- Hellman Ephemeral Parameters for Transport Layer Security (TLS) | IETF RFC 7919:2016 | PROPOSED- FMN5 | FMN CPWG |
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| Multipurpose Internet Mail Extensions (MIME) Part Five: Conformance Criteria and Example | IETF RFC 2049:1996 | PROPOSED- FMN5 | FMN CPWG |
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| Transport Layer Security Protocol Compression Methods | IETF RFC 3749:2004 | PROPOSED- FMN5 | FMN CPWG |
| URI Fragment Identifiers for the text/plain Media Type | IETF RFC 5147:2008 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2 | | PROPOSED- FMN5 | C3B CaP4 |
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| Transport Layer Security (TLS) Extensions: Extension Definitions | IETF RFC 6066:2011 | PROPOSED- FMN5 | FMN CPWG |
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| SMTP Service Extension for 8-bit MIME Transport | IETF RFC 6152:2011 | PROPOSED- FMN5 | FMN CPWG |
| Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS) | | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension | | PROPOSED- FMN5 | FMN CPWG |
| Negotiated Finite Field Diffie- Hellman Ephemeral Parameters for Transport Layer Security (TLS) | | PROPOSED- FMN5 | FMN CPWG |
| Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier | | PROPOSED- FMN5 | FMN CPWG |
| The Transport Layer Security (TLS) Protocol Version 1.3 | IETF RFC 8446:2018 | PROPOSED- FMN5 | FMN CPWG |
| Electronic document file format for long-term preservation Part 1: Use of PDF 1.4 (PDF/A-1) | | PROPOSED- FMN5 | FMN CPWG |
| Electronic document file format for long-term preservation Part 2: Use of ISO 32000-1 (PDF/A-2) | | PROPOSED- FMN5 | FMN CPWG |
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| Digital compression and coding of continuous-tone still images: Requirements and guidelines | | PROPOSED- FMN5 | FMN CPWG |
| Digital compression and coding of continuous-tone still images: Requirements and guidelines | | PROPOSED- FMN5 | FMN CPWG |

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| Open Document Format for Office Applications (OpenDocument) v1.2 Part 2: Recalculated Formula (OpenFormula) Format | 26300-2:2015 | PROPOSED- FMN5 | FMN CPWG |
| Open Document Format for Office Applications (OpenDocument) v1.2 Part 3: Packages | | PROPOSED- FMN5 | FMN CPWG |
| Office Open XML File Formats Part 1: Fundamentals and Markup Language Reference | | PROPOSED- FMN5 | C3B CaP1 CS CaT |
| Performance Specification - Digital Terrain Elevation Data | MIL-STD PRF-89020B:2000 | PROPOSED- FMN5 | FMN CPWG |
| Confidentiality Metadata Label Syntax | NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1 | PROPOSED- FMN5 | C3B CaP1 DM CaT |
| Metadata Binding Mechanism | NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1 | PROPOSED- FMN5 | C3B CaP1 DM CaT |
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| Compressed ARC Digitized Raster Graphics (ADRG) | NGA MIL- PRF-89038:1994 | PROPOSED- FMN5 | FMN CPWG |
| Vector Smart Map (VMAP) Level 0 | US DoD MIL- PRF-89039:1995 | PROPOSED- FMN5 | FMN CPWG |
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| XEP-0060: Publish-Subscribe (2020/02) | XMPP XEP-0060 (2020/02):2020 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0068: Field Standardization for Data Forms | XMPP XEP-0068:2012 | PROPOSED- FMN5 | NCIA |
| XEP-0082: XMPP Date and Time Profiles | XMPP XEP-0082:2013 | PROPOSED- FMN5 | FMN CPWG |
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| XEP-0115: Entity Capabilities (2020/05) | XMPP XEP-0115 (2020/05):2020 | PROPOSED- FMN5 | FMN CPWG |
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| XEP-0220: Server Dialback (2015/03) | XMPP XEP-0220 (2015/03):2015 | PROPOSED- FMN5 | FMN CPWG |
| XEP-0313: Message Archive Management (2020/08) | XMPP XEP-0313 (2020/08):2020 | PROPOSED- FMN5 | FMN CPWG |
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| Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents | | PROPOSED- FMN5 | FMN CPWG |
| RTP Payload for DTMF Digits, Telephony Tones, and Telephony Signals | IETF RFC 4733:2006 | PROPOSED- FMN5 | FMN CPWG |
| Multiprotocol Extensions for BGP-4 | IETF RFC 4760:2007 | PROPOSED- FMN5 | FMN CPWG |
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| Bidirectional Forwarding Detection (BFD) for Multihop Paths | IETF RFC 5883:2010 | PROPOSED- FMN5 | FMN CPWG |
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| BGP Support for Four-Octet Autonomous System (AS) Number Space | IETF RFC 6793:2012 | PROPOSED- FMN5 | FMN CPWG |
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| 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 | FMN CPWG |
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| Coding of speech at 8 kbit/s using conjugate-structure algebraic-code-excited linear prediction (CS-ACELP) | ITU-T G.729:2012 | PROPOSED- FMN5 | FMN CPWG |
| Advanced video coding for generic audiovisual services | ITU-T H.264:2017 | PROPOSED- FMN5 | FMN CPWG |
| International Network Numbering for Communications Systems in use in NATO | | PROPOSED- FMN5 | C3B CaP1 N&S CaT |
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| Lightweight Directory Access Protocol (LDAP) - Authentication Methods and Security Mechanisms | | PROPOSED- FMN5 | FMN CPWG |
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| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|-------------------|
| Scripting Media Types | IETF RFC 4329:2006 | PROPOSED- FMN5 | FMN CPWG |
| Lightweight Directory Access Protocol (LDAP) - Schema for User Applications | | PROPOSED- FMN5 | FMN CPWG |
| The application/json Media Type for JavaScript Object Notation (JSON) | IETF RFC 4627:2006 | PROPOSED- FMN5 | FMN CPWG |
| Atom Publishing Protocol | IETF RFC 5023:2007 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS)The Transport Layer Security (TLS) Protocol Version 1.2 | | PROPOSED- FMN5 | C3B CaP4 |
| Internet Message Format | IETF RFC 5322:2008 | PROPOSED- FMN5 | NCIA |
| Internet Calendaring and Scheduling Core Object Specification (iCalendar) | | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Renegotiation Indication Extension | IETF RFC 5746:2010 | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Extensions: Extension Definitions | IETF RFC 6066:2011 | PROPOSED- FMN5 | FMN CPWG |
| Web Host Metadata | IETF RFC 6415:2011 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing | IETF RFC 7230:2014 | PROPOSED- FMN5 | NCIA/CES |
| Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content | IETF RFC 7231:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests | IETF RFC 7232:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Range Requests | IETF RFC 7233:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Caching | IETF RFC 7234:2014 | PROPOSED- FMN5 | FMN CPWG |
| Hypertext Transfer Protocol (HTTP/1.1): Authentication | IETF RFC 7235:2014 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|--|--------------------|-------------------|-------------------|
| Recommendations for Secure Use of Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS) | | PROPOSED- FMN5 | FMN CPWG |
| Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension | | PROPOSED- FMN5 | FMN CPWG |
| Negotiated Finite Field Diffie- Hellman Ephemeral Parameters for Transport Layer Security (TLS) | IETF RFC 7919:2016 | PROPOSED- FMN5 | FMN CPWG |
| RESTCONF Protocol | IETF RFC 8040:2017 | PROPOSED- FMN5 | FMN CPWG |
| Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier | | PROPOSED- FMN5 | FMN CPWG |
| The Transport Layer Security (TLS) Protocol Version 1.3 | IETF RFC 8446:2018 | PROPOSED- FMN5 | FMN CPWG |
| Electronic document file format for long-term preservation Part 1: Use of PDF 1.4 (PDF/A-1) | | PROPOSED- FMN5 | FMN CPWG |
| Electronic document file format for long-term preservation Part 2: Use of ISO 32000-1 (PDF/A-2) | | PROPOSED- FMN5 | FMN CPWG |
| Document management — Portable document format — Part 1: PDF 1.7 | ISO 32000-1:2008 | PROPOSED- FMN5 | FMN CPWG |
| Digital compression and coding of continuous-tone still images: Requirements and guidelines | | PROPOSED- FMN5 | FMN CPWG |
| Digital compression and coding of continuous-tone still images: Requirements and guidelines | | PROPOSED- FMN5 | FMN CPWG |
| Open Document Format for Office Applications (OpenDocument) v1.2 Part 1: OpenDocument Schema | | PROPOSED- FMN5 | FMN CPWG |
| Open Document Format for Office Applications (OpenDocument) v1.2 | | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|-------------------|-------------------------|
| Part 2: Recalculated Formula (OpenFormula) Format | | | |
| Open Document Format for Office Applications (OpenDocument) v1.2 Part 3: Packages | I . | PROPOSED- FMN5 | FMN CPWG |
| Office Open XML File Formats Part 1: Fundamentals and Markup Language Reference | 1 | PROPOSED- FMN5 | C3B CaP1 CS CaT |
| Confidentiality Metadata Label Syntax | NATO ADatP-4774 Ed A Ver 1:2017 / STANAG 4774 Ed 1 | | C3B CaP1 DM CaT |
| Metadata Binding Mechanism | NATO ADatP-4778 Ed A Ver 1:2018 / STANAG 4778 Ed 1 | PROPOSED- FMN5 | C3B CaP1 DM CaT |
| NATO Message Catalogue | | PROPOSED- FMN5 | MC, MCJSB, IERHWG |
| OASIS SAML V2.0 Metadata Interoperability Profile | OASIS SAML V2.0:2005 | PROPOSED- FMN5 | FMN CPWG |
| GML application schema for the Simple and GML serializations of GeoRSS | | PROPOSED- FMN5 | FMN CPWG |
| RSS 2.0 Specification | RSS RSS 2.0 Specification:2009 | PROPOSED- FMN5 | FMN CPWG |
| CSS Style Attributes | | PROPOSED- FMN5 | FMN CPWG |
| XHTML TM 1.0 in XML Schema | W3C XHTML 1.0 in XML Schema:2002 | PROPOSED- FMN5 | FMN CPWG |
| Character Model for the World Wide Web 1.0: Fundamentals | W3C Character Model for the WWW 1.0:2005 | | FMN CPWG |
| CSS Namespaces Module Level 3 | W3C CSS Namespaces Module Level 3:2014 | PROPOSED- FMN5 | FMN CPWG |
| Cascading Style Sheets Level 2 Revision 1 (CSS 2.1) Specification | W3C REC- CSS2-2011067:2011 | PROPOSED- FMN5 | FMN CPWG |
| CSS Color Module Level 3 | W3C CSS Color Module Level 3:2011 | PROPOSED- FMN5 | FMN CPWG |

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

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 |

| Title | Pubnum | Profiles | Responsible Party |
|---|---|----------|------------------------------------|
| 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 | 1 | BSP | NCIA/NSII |
| Technical Standards for an Automatic Radio Control System (ARCS) for HF Communication Links ¹ | _ | BSP | C3B CaP1 Blos Comms |
| Interoperability Standard for Satellite SHF Deployable Terminals Control and Command Services | | 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 | | BSP | CNAD, AC/141 NNAG, JCGUAS |
| Standard Interfaces Of Unmanned Aircraft (Ua) Control System (UCS) for NATO UA Interoperability - Interface Control Document | Ed A Ver 1:2017 / | BSP | CNAD, AC/141 NNAG, JCGUAS |
| 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 | ` • | BSP | C3B CaP1 TDL CaT |
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| Title | Pubnum | Profiles | Responsible Party |
|--|---|-------------------|------------------------------|
| IP access to half-duplex radio networks | NATO AComP-5634 (FD) Ed A Ver 1:2020 / STANAG (RD) 5634 Ed 1 | | C3B CaP1 LOS Comms CaT |
| Tactical Messaging Access Services | S | | |
| 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 | | 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 | | 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 |
| Interoperability Standard for Joint Range Extension Application Protocol (JREAP) ⁴ | NATO ATDLP-5.18 Ed B Ver 2:2019 / STANAG FT 5518 Ed 4 | | 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 |
| Technical Characteristics of the Multifunctional Information | NATO Study (expected) STANAG 4175 Ed 6 | BSP | C3B CaP1 TDL CaT |

| Title | Pubnum | Profiles | Responsible Party |
|--|--------------------|-------------------|------------------------------|
| Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A ² | | | |
| Communications Security Services | | | |
| The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP) | | PROPOSED- FMN5 | FMN CPWG |
| IP Encapsulating Security Payload (ESP) | IETF RFC 4303:2005 | PROPOSED- FMN5 | FMN CPWG |
| IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA) | IETF RFC 4754:2007 | PROPOSED- FMN5 | C3B CaP4 |
| Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec | IETF RFC 4868:2007 | PROPOSED- FMN5 | FMN CPWG |
| Elliptic Curve Groups modulo a Prime (ECP Groups) for IKE and IKEv2 | | PROPOSED- FMN5 | FMN CPWG |
| Suite B Cryptographic Suites for IPsec | IETF RFC 6379:2011 | PROPOSED- FMN5 | FMN CPWG |
| Internet Key Exchange Protocol Version 2 (IKEv2) | IETF RFC 7296:2014 | PROPOSED- FMN5 | FMN CPWG |
| Algorithm Implementation Requirements and Usage Guidance for the Internet Key Exchange Protocol Version 2 (IKEv2) | IETF RFC 8247:2017 | PROPOSED- FMN5 | FMN CPWG |
| Infrastructure (NII) Internet Protocol | STANAG 4787 Ed 1 | | C3B CaP1 LOS Comms CaT |
| Frame-based Access Services | | | |
| Interface standard for LC connectors with protective housings related to IEC 61076-3-106 | _ | PROPOSED- FMN5 | FMN CPWG |
| IEEE Standard for Ethernet | IEEE 802.3:2018 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|-------------------|
| Information technology Generic cabling for customer premises Part 1: General requirements | | PROPOSED- FMN5 | FMN CPWG |
| Characteristics of a single-mode optical fibre and cable | ITU-T G.652:2016 | PROPOSED- FMN5 | FMN CPWG |
| Packet-based Access Services | | | |
| Interface standard for LC connectors with protective housings related to IEC 61076-3-106 | | PROPOSED- FMN5 | FMN CPWG |
| IEEE Standard for Ethernet | IEEE 802.3:2018 | PROPOSED- FMN5 | FMN CPWG |
| Path MTU Discovery | IETF RFC 1191:1990 | PROPOSED- FMN5 | FMN CPWG |
| Reserved IPv6 Subnet Anycast Addresses | IETF RFC 2526:1999 | PROPOSED- FMN5 | NCIA |
| Distributing Authoritative Name Servers via Shared Unicast Addresses | IETF RFC 3258:2002 | PROPOSED- FMN5 | FMN CPWG |
| Unique Local IPv6 Unicast Addresses | IETF RFC 4193:2005 | PROPOSED- FMN5 | FMN CPWG |
| Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification | IETF RFC 4443:2006 | PROPOSED- FMN5 | FMN CPWG |
| Operation of Anycast Services | IETF RFC 4786:2006 | PROPOSED- FMN5 | FMN CPWG |
| Neighbor Discovery for IPv6 | IETF RFC 4861:2007 | PROPOSED- FMN5 | NCIA |
| Using 127-Bit IPv6 Prefixes on Inter- Router Links | IETF RFC 6164:2011 | PROPOSED- FMN5 | FMN CPWG |
| Unique Origin Autonomous System Numbers (ASNs) per Node for Globally Anycasted Services | | PROPOSED- FMN5 | FMN CPWG |
| Architectural Considerations of IP Anycast | IETF RFC 7094:2014 | PROPOSED- FMN5 | FMN CPWG |
| Security and Privacy Considerations for IPv6 Address Generation Mechanisms | IETF RFC 7721:2016 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|-------------------|----------------------|
| Internet Protocol, version 4 | IETF RFC 791:1981 | PROPOSED- FMN5 | NCIA/NSII |
| Internet Protocol, Version 6 (IPv6) Specification | IETF RFC 8200:2017 | PROPOSED- FMN5 | FMN CPWG |
| Ethernet Address Resolution Protocol | IETF RFC 826:1982 | PROPOSED- FMN5 | NCIA/NSII |
| A Standard for the Transmission of IP Datagrams over Ethernet Networks | | PROPOSED- FMN5 | NCIA/NSII |
| Information technology Generic cabling for customer premises Part 1: General requirements | | PROPOSED- FMN5 | FMN CPWG |
| Characteristics of a single-mode optical fibre and cable | ITU-T G.652:2016 | PROPOSED- FMN5 | 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 | FMN CPWG |
| Path MTU Discovery | IETF RFC 1191:1990 | PROPOSED- FMN5 | FMN CPWG |
| Address Allocation for Private Internets | IETF RFC 1918:1996 | PROPOSED- FMN5 | FMN CPWG |
| Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers | IETF RFC 2474:1998 | PROPOSED- FMN5 | FMN CPWG |
| Internet Group Management Protocol, Version 3 | IETF RFC 3376:2002 | PROPOSED- FMN5 | FMN CPWG |
| Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan | IETF RFC 4632:2006 | PROPOSED- FMN5 | FMN CPWG |
| IANA Guidelines for IPv4 Multicast Address Assignments | IETF RFC 5771:2010 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|-------------------------------------|-------------------|------------------------------|
| A Standard for the Transmission of IP Datagrams over Ethernet Networks | | PROPOSED- FMN5 | NCIA/NSII |
| Internet Standard Subnetting Procedure | IETF RFC 950:1985 | PROPOSED- FMN5 | NCIA/NSII |
| IP QoS for the NII | NCIA TN-1417 | BSP | C3B CaP1 N&S CaT |
| Wireless BLOS Mobile Narrowbar | nd Transmission Service | ces | |
| Digital Interoperability between UHF communications terminals - Integrated Waveform (IWF) | | PROPOSED- FMN5 | C3B CaP1 SATCOM CaT |
| Wired Transmission Services | | | |
| 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 | | | C3B CaP2 |
| Wireless LOS Mobile Transmission | n 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 2:2021 | PROPOSED- FMN5 | C3B CaP2 FFT CaT |
| Services to forward Friendly Force Information to Weapon Delivery Assets | | PROPOSED- FMN5 | C3B CaP2 |
| Wireless LOS Mobile Wideband T | ransmission Services | | |
| NATO High Capacity Data Rate Waveform (NHCDRWF) - Head Specification | | | C3B CaP1 LOS Comms CaT |
| NATO High Capacity Data Rate Waveform (NHCDRWF) - Link/ Network Layer Specification | | | C3B CaP1 LOS Comms CaT |
| NATO High Capacity Data Rate Waveform (NHCDRWF) - Modem Specification | | | C3B CaP1 LOS Comms CaT |

| Title | Pubnum | Profiles | Responsible Party |
|--|---|----------|------------------------|
| NATO HDRWF (ESSOR) Introductory Document | NATO AComP-5651 (Study) Ed A Ver 1 - Vol 1 / STANAG (Study) 5651 Ed 1 | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) LLC Layer Specification and Rationale (SSS) / Interface Control Document (ICD) | | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) NET Layer Specification and Rationale (SSS) / Interface Control Document (ICD) | I . | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) NET Layer Specification and Rationale (SSS) / Interface Control Document (ICD) Restricted Volume | (Study) Ed A Ver 1 | FMN5 | 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 | | 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 | | C3B CaP1 Blos Comms |
| NATO HDRWF (ESSOR) System Specification | NATO AComP-5651 (Study) Ed A Ver 1 - Vol 2 / STANAG (Study) 5651 Ed 1 | | 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 | | C3B CaP1 Blos Comms |
| NATO HDRWF (ESSOR) System Specification – Confidential Volume | | | C3B CaP1 Blos Comms |
| NATO HDRWF (ESSOR) System Specification – Security Target (Restricted) | I . | | C3B CaP1 Blos Comms |

| Title | Pubnum | Profiles | Responsible Party |
|---|--|-------------------|------------------------------|
| NATO HDRWF (ESSOR) System Design Document | NATO AComP-5651 (Study) Ed A Ver 1 - Vol 6 / STANAG (Study) 5651 Ed 1 | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) PHY Layer Specification and Rationale (SSS) / Interface Control Document (ICD) – Restricted | | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) MAC Layer Specification and Rationale (SSS) / Interface Control Document (ICD) | I . | | C3B CaP1 Blos Comms |
| HDR WF (ESSOR) MAC Layer Specification and Rationale (SSS) / Interface Control Document (ICD) – Restricted Volume | (Study) Ed A Ver 1 | | C3B CaP1 Blos Comms |
| Technical Characteristics of the Multifunctional Information Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A ² | | | C3B CaP1 TDL CaT |
| Wireless LOS Mobile Narrowband | Transmission Service | s | |
| Narrowband Waveform for VHF/ UHF Radios - Head Specification | NATO AComP-5630 Ed A Ver 1:2019 / STANAG 5630 Ed 1 | | C3B CaP1 LOS Comms CaT |
| Narrowband Waveform for VHF/ UHF Radios - Physical Layer and Propagation Models | | PROPOSED- FMN5 | C3B CaP1 LOS Comms CaT |
| Narrowband Waveform for VHF/ UHF Radios - Link Layer | NATO AComP-5632 Ed A Ver 1:2019 | PROPOSED- FMN5 | C3B CaP1 LOS Comms CaT |
| Narrowband Waveform for VHF/ UHF Radios - Network Layer | NATO AComP-5633 Ed A Ver 1:2019 | PROPOSED- FMN5 | 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 |

| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|-------------------|
| Transport Services | | | |
| Interface standard for LC connectors with protective housings related to IEC 61076-3-106 | _ | PROPOSED- FMN5 | FMN CPWG |
| IEEE Standard for Ethernet | IEEE 802.3:2018 | PROPOSED- FMN5 | FMN CPWG |
| Path MTU Discovery | IETF RFC 1191:1990 | PROPOSED- FMN5 | 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 | 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 | FMN CPWG |
| Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification | IETF RFC 4443:2006 | PROPOSED- FMN5 | FMN CPWG |
| Neighbor Discovery for IPv6 | IETF RFC 4861:2007 | PROPOSED- FMN5 | NCIA |
| Using 127-Bit IPv6 Prefixes on Inter- Router Links | IETF RFC 6164:2011 | PROPOSED- FMN5 | 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 | I . | PROPOSED- FMN5 | FMN CPWG |
| Internet Protocol, version 4 | IETF RFC 791:1981 | PROPOSED- FMN5 | NCIA/NSII |
| Internet Protocol, Version 6 (IPv6) Specification | IETF RFC 8200:2017 | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|---------------------|
| Ethernet Address Resolution Protocol | IETF RFC 826:1982 | PROPOSED- FMN5 | NCIA/NSII |
| A Standard for the Transmission of IP Datagrams over Ethernet Networks | | PROPOSED- FMN5 | NCIA/NSII |
| Information technology Generic cabling for customer premises Part 1: General requirements | | PROPOSED- FMN5 | FMN CPWG |
| Characteristics of a single-mode optical fibre and cable | ITU-T G.652:2016 | PROPOSED- FMN5 | 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 | FMN CPWG |
| Path MTU Discovery | IETF RFC 1191:1990 | PROPOSED- FMN5 | FMN CPWG |
| Address Allocation for Private Internets | IETF RFC 1918:1996 | PROPOSED- FMN5 | FMN CPWG |
| Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers | | PROPOSED- FMN5 | FMN CPWG |
| Reserved IPv6 Subnet Anycast Addresses | IETF RFC 2526:1999 | PROPOSED- FMN5 | NCIA |
| Internet Group Management Protocol, Version 3 | IETF RFC 3376:2002 | PROPOSED- FMN5 | FMN CPWG |
| Unique Local IPv6 Unicast Addresses | IETF RFC 4193:2005 | PROPOSED- FMN5 | FMN CPWG |
| Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification | | PROPOSED- FMN5 | FMN CPWG |
| Configuration Guidelines for DiffServ Service Classes | IETF RFC 4594:2006 | PROPOSED- FMN5 | FMN CPWG |
| Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan | | PROPOSED- FMN5 | FMN CPWG |

| Title | Pubnum | Profiles | Responsible Party |
|---|--------------------|-------------------|-------------------|
| Neighbor Discovery for IPv6 | IETF RFC 4861:2007 | PROPOSED- FMN5 | NCIA |
| IANA Guidelines for IPv4 Multicast Address Assignments | IETF RFC 5771:2010 | PROPOSED- FMN5 | FMN CPWG |
| Using 127-Bit IPv6 Prefixes on Inter- Router Links | IETF RFC 6164:2011 | PROPOSED- FMN5 | FMN CPWG |
| Security and Privacy Considerations for IPv6 Address Generation Mechanisms | | PROPOSED- FMN5 | FMN CPWG |
| Internet Protocol, version 4 | IETF RFC 791:1981 | PROPOSED- FMN5 | NCIA/NSII |
| Internet Protocol, Version 6 (IPv6) Specification | IETF RFC 8200:2017 | PROPOSED- FMN5 | FMN CPWG |
| Ethernet Address Resolution Protocol | IETF RFC 826:1982 | PROPOSED- FMN5 | NCIA/NSII |
| A Standard for the Transmission of IP Datagrams over Ethernet Networks | | PROPOSED- FMN5 | NCIA/NSII |
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| Reserved IPv6 Subnet Anycast Addresses | IETF RFC 2526:1999 | PROPOSED- FMN5 | NCIA |
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| 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 | FMN CPWG |
| Multiprotocol Extensions for BGP-4 | IETF RFC 4760:2007 | PROPOSED- FMN5 | FMN CPWG |

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| Capabilities Advertisement with BGP-4 | IETF RFC 5492:2009 | PROPOSED- FMN5 | FMN CPWG |
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| Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop) | | PROPOSED- FMN5 | FMN CPWG |
| Bidirectional Forwarding Detection (BFD) for Multihop Paths | IETF RFC 5883:2010 | PROPOSED- FMN5 | FMN CPWG |
| Autonomous-System-Wide Unique BGP Identifier for BGP-4 | IETF RFC 6286:2011 | PROPOSED- FMN5 | FMN CPWG |
| BGP Support for Four-Octet Autonomous System (AS) Number Space | | PROPOSED- FMN5 | FMN CPWG |
| Revised Error Handling for BGP UPDATE Messages | IETF RFC 7606:2015 | PROPOSED- FMN5 | FMN CPWG |
| Default External BGP (EBGP) Route Propagation Behavior without Policies | | PROPOSED- FMN5 | 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 | | BSP | C3B CaP1 N&S CaT |

¹The extant edition is Ed 1

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.

²The extant edition is Ed 5

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

⁴The SIP for Recognized Air Picture Data refers to ATDLP-5.18 Ed B Version 1 instead of ATDLP-5.18 Ed B Version 2

1.4. 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. There is currently no candidate profiles in NISP.

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