# **NATO STANDARD**

# ADatP-34(L) / Version 12

# **NATO Interoperability Standards and Profiles**

## Volume 3

# Candidate Interoperability Standards and Profiles



19 Jul 2019

**Allied Data Publication** 

# **Table of Contents**

1. Standards	1
1.1. Introduction	1
1.1.1. Releasability Statement	1
1.2. User Applications	
1.3. Technical Services	
1.3.1. Community Of Interest (COI) Services	2
1.3.2. Core Services	
1.3.3. Communications Services	
1.3.4. Extended C3 Taxonomy	12
1.4. Unassigned standards	
Index	

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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 2.0 NATO's C3 Taxonomy, as endorsed by the NATO C3 Board per AC/322-N(2016)0021-AS1 on 11 February 2016. 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	Responsible Party

#### 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
COI-Enabling Services			
MIP Baseline 4	MIP MIP BL 4	BSP	NCIA/Sstrat/ Sea
MIP Information Model 4.1	MIP MIM 4.1	BSP	C3B CaP1 DM CaT
Symbology Services			
NATO Transformational Baseline 3.0:2009 (ACT)	NATO TIDE/TTB	BSP	NCIA/CES
NATO Vector Graphics (NVG) 2.0.2 - ADatP-4733 Edition A Ver 1	NSO ADatP-4733 Ed A Ver 1	BSP	C3B CaP1
GML in JPEG 2000 for Geographic Imagery (GMLJP2)	OGC 05-047r3	BSP	FMN CPWG
Web Coverage Service Implementation Standard v1.1.2	OGC 07-067r5	BSP	NCIA/AWG
Track Services			-
Technical Characteristics of Reverse IFF using Mode 5 Waveform - AEtP-4722 Edition A		BSP	C3B CaP2
Identification Data Combining Process	NSO AIDPP-01 ed. A version 1	BSP	C3B CaP2
Tactical Data Exchange - Link 11/11B - ATDLP-5.11 Edition B	NSO STANAG 5511 (Study) Ed 10	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16 - ATDLP-5.16 Edition B	NSO STANAG 5516 (Study) Ed 8	BSP	C3B CaP1 TDL CaT
Joint Range Extension Application Protocol (JREAP) - ATDLP-5.18 Edition B Version 2 <sup>1</sup>	I .	BSP	C3B CaP1 TDL CaT

Title	Pubnum		Responsible Party
Link-22 - ATDLP-5.22 Edition B <sup>2</sup>	NSO-Expected	BSP	C3B CaP1
	STANAG 5522 Ed 6 /		TDL CaT
	ATDLP-5.22(B)		

<sup>&</sup>lt;sup>1</sup>STANAG (RD) 5518 Ed 4 / ATDLP-5.18(B)(2) - 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
<b>Business Support CIS Security Ser</b>	vices		
Common Biometric Exchange Formats Framework (CBEFF)	ANSI incits-398	BSP	NCIA/JISR
Electronic Biometric Transmission Specification (EBTS)	FBI IAFIS-DOC-01078-8.1	BSP	JCGISR
<b>Unified Communication and Colla</b>	boration Services		
HyperText Markup Language (HTML), Version 5.0, Reference Specification		BSP	NCIA/CES
Military Messaging Services			
Registration of Military Message Handling System (MMHS) Header Fields for Use in Internet Mail		BSP	NCIA/CES
Tactical Data Exchange - Link 11/11B - ATDLP-5.11 Edition B	NSO STANAG 5511 (Study) Ed 10	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16 - ATDLP-5.16 Edition B	NSO STANAG 5516 (Study) Ed 8	BSP	C3B CaP1 TDL CaT
Joint Range Extension Application Protocol (JREAP) - ATDLP-5.18 Edition B Version 2 <sup>1</sup>	1	BSP	C3B CaP1 TDL CaT
Link-22 - ATDLP-5.22 Edition B <sup>2</sup>	NSO-Expected STANAG 5522 Ed 6 / ATDLP-5.22(B)	BSP	C3B CaP1 TDL CaT
SOAP Messages with Attachments (SwA) Profile 1.1	OASIS wss-v1.1- spec-os-SwAProfile	BSP	NCIA/CES
Variable Message Format (VMF) <sup>1</sup>	US DoD MIL- STD-6017 D	BSP	C3B CaP1

 $<sup>^2</sup>$ STANAG 5522 Ed 6 / ATDLP-5.22(B) - The extant edition is Ed 2 and Ed 3 is still in ratification. Ed 6 will be out for promulgation using Fast Track procedure during 2Q2019.

Title	Pubnum	Profiles	Responsible Party
<b>Informal Messaging Services</b>	I		
SMTP Service Extensions for Transmission of Large and Binary MIME Messages	IETF RFC 3030	BSP	NCIA/CES
Fax Services			'
Procedures for real-time Group 3 facsimile communication over IP networks	ITU-T T.38	BSP	NCIA/NSII
Information Management Services			
Application Vulnerability Description Language (AVDL) version 1.0		BSP	NCIA/CS
Geospatial Services			
OpenGIS Web Processing Service	OGC 05-007r7	BSP	NCIA/AWG
OpenGIS Web Map Tile Service Implementation Standard	OGC 07-057r7	BSP	NCIA/AWG
<b>Geospatial Coordinate Services</b>			
OpenGIS Coordinate Transformation Services	OGC 01-009	BSP	NCIA/AWG
SOA Platform Services			
WS-BrokeredNotification 1.3	OASIS wsn- ws_brokered_notificati spec-os		NCIA/CES
Web Services Business Process Execution Language (WSBPEL) version 2.0	_	BSP	NCIA/CES
WS-BaseNotification	OASIS ws-notif	BSP	NCIA/CES
WS-Topics 1.3	OASIS wsn- ws_topics-1.3-spec-os	BSP	NCIA/CES
Web Services Addressing 1.0 - Core	W3C REC-ws-addr-core-20060509	BSP	FMN CPWG
Attachments Profile Version 1.0	WS-I AttachmentsProfile-1.0	BSP -2006-04-20	NCIA/CES
WS-I Basic Profile 1.2	WS-I BP12	BSP	NCIA/CES
WS-I Basic Profile 2.0	WS-I wsbp	BSP	NCIA/CES

Title	Pubnum	Profiles	Responsible Party
Simple SOAP Binding Profile Version 1.0	WS-I SimpleSoapBindingPro	BSP ofile-1.0-2004-08-2	NCIA/CES 4
Security Token Services			
RADIUS and IPv6	IETF RFC 3162	BSP	NCIA/NSII
Single Sign On	Open Group P702	BSP	C3B CaP4
<b>Policy Decision Point Services</b>			
Data Format for the Interchange of Fingerprint Facial, and Scar Mark and Tattoo (SMT) Information		BSP	NCIA/JISR
Biometric data interchange formats Part 2:	ISO/IEC 19794-2	BSP	NCIA/JISR
Biometric data interchange formats Part 5: Face image data	ISO/IEC 19794-5	BSP	NCIA/JISR
Biometric data interchange formats Part 6: Iris image data	ISO/IEC 19794-6	BSP	NCIA/JISR
NATO Public Key Infrastructure (NPKI) Certificate Policy (CertP) Rev2.		BSP	C3B NPMA
eXtensible Access Control Markup Language core specification	OASIS xacml-3.0-core-spec-os	BSP	NCIA/CS
DOD EBTS	US DoD DIN: DOD_BTF_TS_EBTS Nov06_01.02.00		JCGISR
DOD EBTS	US DoD DIN: DOD_BTF_TS_EBTS Mar09_02.00.00		JCGISR
SOA Platform SMC Services			
Common Information Model (CIM) v2.2	DMTF DSP0004	BSP	C3B CaP1 SMC CaT
Web Services for Management (WS-Management) Specification	DMTF DSP0226	BSP	C3B CaP1 SMC CaT
WS-Management CIM Binding Specification	DMTF DSP0227	BSP	C3B CaP1 SMC CaT
Remote Network Monitoring Management Information Base, RMON-MIB version 2 using SMIv2	IETF RFC 2021	BSP	NCIA/SMC

Title	Pubnum	Profiles	Responsible Party
IP Version 6 Management Information Base for the Transmission Control Protocol	IETF RFC 2452	BSP	NCIA/NSII
IP Version 6 Management Information Base for the User Datagram Protocol	IETF RFC 2454	BSP	NCIA/NSII
IPv6 MIB	IETF RFC 2465	BSP	NCIA/SMC
ICMPv6 MIB	IETF RFC 2466	BSP	NCIA/SMC
Multicast Group Membership Discovery MIB	IETF RFC 5519	BSP	NCIA/NSII
Enhanced Telecom Operations Map	TM-FORUM eTOM Rel.13	BSP	NCIA/SMC
Service Discovery Services			
DNS-Based Service Discovery	IETF RFC 6763	BSP	NCIA/CES
TIDE Service Discovery	NATO TIDE/TIDE- ID-SP	BSP	NCIA/CES
OASIS ebXML Messaging Services Specification	OASIS ebms2	BSP	NCIA/CES
Web Services Dynamic Discovery Version 1.1	OASIS wsdd- discovery-1.1-spec	BSP	NCIA/CES
Web Services Description Language (WSDL) Version 2.0 Part 1: Core Language		BSP	NCIA/Sstrat/ Sea
Message-Oriented Middleware Ser	vices		I.
SOAP Version 1.2	W3C SOAP Version 1.2	BSP	NCIA/CES
Web Platform Services			,
Content-ID and Message-ID Uniform Resource Locators	IETF RFC 2392	BSP	NCIA/CES
XML Linking Language (XLink) Version 1.1	W3C REC- xlink11-20100506	BSP	NCIA/CES
Extensible Markup Language (XML) version 1.1 (Second Edition)	W3C REC- xml11-20060816	BSP	NCIA/CES
Web Presentation Services			
Web Services for Remote Portlets Specification	OASIS wsrp-specification-2.0	BSP	NCIA/CES

Title	Pubnum	Profiles	Responsible Party
Information Discovery Services		1	,
OpenSearch 1.1	Opensearch OpenSearch 1.1 Draft 4	BSP	NCIA/CES
Information Access Services		I	
MIME Encapsulation of Aggregate Documents, such as HTML (MHTML)		BSP	NCIA/CES
A Standards Based Approach for Geo-enabling RSS feeds, v1.0	OGC 06-050r3	BSP	NCIA/AWG
XForms 1.0	W3C REC- xforms-20031014	BSP	NCIA/CES
Metadata Repository Services			
Web Services Metadata Exchange (WS-MetadataExchange)	W3C REC-ws-metadata-exchange-20111213	BSP	NCIA/CES
<b>Choreography Services</b>		l .	,
W3C Web Service Choreography Interface version 1.0	W3C NOTE- wsci-20020808	BSP	NCIA/CES
Mediation Services		ı	
Services to forward Friendly Force Information to Weapon Delivery Assets - ADatP-37 Edition A		BSP	C3B CaP2
Data Format Transformation Serv	ices		
XML Query Language (XQuery)	W3C WD- xquery-20030502	BSP	NCIA/CES
Infrastructure Services			
Real Time Control Protocol (RTCP) attribute in Session Description Protocol (SDP)		BSP	NCIA/NSII
The Secure Real-time Transport Protocol (SRTP)	IETF RFC 3711	BSP	FMN CPWG
NATO Imagery Interpretability Rating Scale (NIIRS) - AIntP-7 Edition A		BSP	MC, MCJSB, JINT JISRP

Distributed File System (DFS) DC	E Open Group F209a		Party	
DFS		BSP	NCIA/CES	
nfrastructure Networking Servi	ces			
Default Address Selection for nternet Protocol version 6 (IPv6)	or IETF RFC 6724	BSP	NCIA	
Very high speed digital subscriberine transceivers 2 (VDSL2)	er ITU-T G. 993-2	BSP	NCIA/NSII	
Server Message Block (SMB)	Microsoft MS-SMB 20130118	- BSP	NCIA/CES	
K/Open Network File System (C70 Protocols for Inter-working: XNF) Version 3W)		BSP	NCIA/CES	
OCE 1.1: Remote Procedure Call	Open Group C706	BSP	NCIA/CES	
Host Configuration Services		J		
Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	in IETF RFC 3315	BSP	NCIA/NSII	
Pv6 Prefix Options for Dynam Host Configuration Protocol (DHCl version 6		BSP	NCIA/NSII	
Data Transfer Services				
TP Extensions for IPv6 and NAT	IETF RFC 2428	BSP	NCIA/NSII	
Domain Name Services				
ONS Configuration options for Oynamic Host Configuration Protocol for IPv6 (DHCPv6)		BSP	NCIA/NSII	
Network Information Service (NISConfiguration Options for DHCPvo		BSP	NCIA/NSII	
A Method for Storing IPsec Keyir Material in DNS	IETF RFC 4025	BSP	NCIA/CS	
Multicast DNS	IETF RFC 6762	BSP	NCIA/NSII	
Distributed Time Services				
OCE 1.1: Time Services	Open Group C310	BSP	NCIA/CES	

<sup>&</sup>lt;sup>1</sup>MIL-STD-6017 D - Except Appendix B, List of Geographical Data Field Identifiers (DFIs)

## 1.3.3. Communications Services

Title	Pubnum	Profiles	Responsible Party	
Communications Services				
Ultra-Wide Band	ECMA 368	BSP	NCIA/NSII	
Broadband Radio Access Networks (BRAN) HiperMAN	ETSI TS 102 624-1	BSP	NCIA/NSII	
ZigBee	IEEE 802.15.4	BSP	NCIA/NSII	
Mobile WiMax	IEEE 802.16e	BSP	NCIA/NSII	
Wireless Broadband	IEEE 802.16e	BSP	NCIA/NSII	
Multiple Spanning Trees	IEEE 802.1S	BSP	NCIA/NSII	
Mobile Broadband Wireless Access (Draft)	IEEE 802.20	BSP	NCIA/NSII	
Dynamic Source Routing (DSR) Draft- version 1.0	IETF draft-ietf-manet-dsr-09	BSP	NCIA/NSII	
Ad-hoc On-Demand Distance Vector Routing (AODV)	IETF RFC 3561	BSP	NCIA/NSII	
IPv6 over Low Power Wireless Personal Area Networks	IETF RFC 4919	BSP	NCIA/NSII	
Technical Standards for an Automatic Radio Control System (ARCS) for HF Communication Links <sup>1</sup>	NSO-Expected STANAG 4538 Ed 2	BSP	C3B CaP1 Blos Comms	
Interoperability Standard for Satellite SHF Deployable Terminals Control and Command Services		BSP	C3B CaP1 SATCOM CaT	
Common Alerting Protocol Version 1.2	OASIS CAP 1.2	BSP	NCIA/Sstrat/ Sea	
The Open Grid Services Architecture (OGSA) version 1.5	OGF draft-ogf-ogsa- spec-1.5-011	BSP	NCIA/CES	
Wireless USB Specification	USB.ORG wusb	BSP	NCIA/CES	
<b>Communications Access Services</b>				
	NSO-Expected STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT	

Title	Pubnum	Profiles	Responsible Party
Standard Interfaces of UAV Control System (UCS) for NATO UAV Interoperability - AEP-84 Edition A		BSP	CNAD, AC/141 NNAG, JCGUAS
Tactical Data Exchange - Link 11/11B - ATDLP-5.11 Edition B	NSO STANAG 5511 (Study) Ed 10	BSP	C3B CaP1 TDL CaT
Joint Range Extension Application Protocol (JREAP) - ATDLP-5.18 Edition B Version 2 <sup>1</sup>		BSP	C3B CaP1 TDL CaT
3GPP UMTS Series	3GPP	BSP	NCIA/NSII
<b>Tactical Messaging Access Services</b>	3		
Technical Characteristics of the Multifunctional Information Distribution System (MIDS) - VOL I & VOL II - ATDLP-1.75 Edition A <sup>2</sup>	NSO-Expected STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 11/11B - ATDLP-5.11 Edition B	NSO STANAG 5511 (Study) Ed 10	BSP	C3B CaP1 TDL CaT
Tactical Data Exchange - Link 16 - ATDLP-5.16 Edition B	NSO STANAG 5516 (Study) Ed 8	BSP	C3B CaP1 TDL CaT
Joint Range Extension Application Protocol (JREAP) - ATDLP-5.18 Edition B Version 2 <sup>1</sup>		BSP	C3B CaP1 TDL CaT
Standards for Data Forwarding between Tactical Data Systems	NSO-Expected STANAG 5616 Ed 7	BSP	C3B CaP1 TDL CaT
<b>IPv4 Routed Access Services</b>			
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A		BSP	C3B CaP1 N&S CaT
IPv6 Routed Access Services			
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A		BSP	C3B CaP1 N&S CaT
Transport Services			

Title	Pubnum	Profiles	Responsible Party
Routing Information Protocol next generation for IPv6 (RIPng)	IETF RFC 2080	BSP	NCIA/NSII
IP Version 6 over PPP	IETF RFC 2472	BSP	NCIA/NSII
Generic Packet Tunneling in IPv6	IETF RFC 2473	BSP	NCIA/NSII
Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing		BSP	FMN CPWG
Stateless IP/ICMP Translation Algorithm (SIIT)	IETF RFC 2765	BSP	NCIA/NSII
Mobility Support in IPv6	IETF RFC 3775	BSP	NCIA/NSII
Using IPsec to Protect Mobile IPv6 Signaling Between Mobile Nodes and Home Agents		BSP	NCIA/CS
Border Gateway Multicast Protocol (BGMP)	IETF RFC 3913	BSP	NCIA/NSII
Protocol Independent Multicasting Dense Mode (PIM-DM)	IETF RFC 3973	BSP	NCIA/NSII
Mobile IPv6 Fast Handovers	IETF RFC 5568	BSP	NCIA/NSII
Simplified Multicast Forwarding (SMF)	IETF RFC 6621	BSP	NCIA/NSII
BGP Support for Four-Octet Autonomous System (AS) Number Space	IETF RFC 6793	BSP	FMN CPWG
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Packet-based Transport Services			
Mobile IPv6 Support for Dual Stack Hosts and Routers	IETF RFC 5555	BSP	NCIA/NSII
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A		BSP	C3B CaP1 N&S CaT
Packet Routing Services			
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT

Title	Pubnum	Profiles	Responsible Party
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A		BSP	C3B CaP1 N&S CaT
Standard for Interconnection of IPv4 and IPv6 Networks at Mission Secret and Unclassified Security Levels - AComp-5067 Edition A	1 ' '	BSP	C3B CaP1 N&S CaT
Packet-based Aggregation Services	5		1
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A		BSP	C3B CaP1 N&S CaT
Packet-based Broadcast Services			
IP QoS for the NII	NATO TN-1417	BSP	C3B CaP1 N&S CaT
Interoperability Point Quality of Service (IP QoS) - AComP-4711 Edition A	I .	BSP	C3B CaP1 N&S CaT
Wireless LOS Mobile Transmission	n Services		<u> </u>
Bluetooth Core Specification v5.0	Bluetooth SIG Core Version 5.0	BSP	NCIA/NSII
Wireless LOS Mobile Narrowband	Transmission Service	S	J
Voice Coding Algorithm	NSO STANAG 4444 Ed 2	BSP	C3B CaP1 Blos Comms
Wireless LOS Mobile Wideband T	ransmission Services		,
	NSO-Expected STANAG 4175 Ed 6	BSP	C3B CaP1 TDL CaT

<sup>&</sup>lt;sup>1</sup>STANAG 4538 Ed 2 - The 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.

 $<sup>^2</sup>$ STANAG 4175 Ed 6 - The extant edition is Ed 5

Title	Pubnum	Responsible Party

## 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.

Title	Pubnum	Profiles	Responsible Party
<b>Undefined Taxonomy Node</b>	1		
Biometric data interchange formats Part 6: Iris image data	ISO/IEC 19794-6	BSP	NCIA/JISR
Office Open XML File Formats Part 1: Fundamentals and Markup Language Reference	1	BSP	C3B CaP1 CS CaT
Office Open XML File Formats Part 3: Markup Compatibility and Extensibility		BSP	C3B CaP1 CS CaT
Office Open XML File Formats Part 4: Transitional Migration Features		BSP	C3B CaP1 CS CaT
Standard Operating Procedures for the Interface of Data Links 1, 11, 11b and 14 through a Data Link Buffer System	(E)(1)	BSP	C3B CaP1 TDL CaT
Standard Operating Procedures for the CRC-SAM Interface	NSO ADatP-12 Vol 2 (E)	BSP	C3B CaP1 TDL CaT
Standard Operating Procedures for Link 1	NSO ADatP-31 (C)	BSP	C3B CaP1 TDL CaT
Multi-Link Standard Operating Procedures for Tactical Data Systems Employing Link 11, Link 11B, Link 16, Link 22 and JREAP	` ' ' '	BSP	C3B CaP1 TDL CaT
Service Oriented Architecture Modeling Language (SOAML), Version 1.0.1		BSP	NCIA

Title	Pubnum	Profiles	Responsible Party
xTDL Framework Document [for Representation of TDL in eXtensible Markup Language (XML)]. <sup>1</sup>	1	BSP	C3B CaP1 TDL CaT
Trouble Ticket REST API Specification R14.5.1 Interface	TM-FORUM TMF621	BSP	FMN CPWG
Product Ordering API REST Specification R14.5.1 Interface	TM-FORUM TMF622	BSP	FMN CPWG
API REST Conformance Guidelines R15.5.1 Standard	TM-FORUM TR250	BSP	FMN CPWG

<sup>&</sup>lt;sup>1</sup>ATDLP-7.04(A)(1) - Expected to be submitted for ratification 3Q2019.

Index	RFC 2428, 8 RFC 2452, 6
<b>Symbols</b> 3rd Generation Partnership Project, 10	RFC 2454, 6 RFC 2465, 6 RFC 2466, 6
A	RFC 2472, 11 RFC 2473, 11
American National Standards Institute incits-398, 3 ANSI/NIST	RFC 2545, 11 RFC 2557, 7 RFC 2765, 11
ITL 1-2000, 5	RFC 3030, 4 RFC 3162, 5
Bluetooth Special Interest Group (SIG) Core Version 5.0, 12	RFC 3315, 8 RFC 3561, 9 RFC 3605, 7
D	RFC 3633, 8 RFC 3646, 8
Distributed Management Task Force, Inc. DSP0004, 5	RFC 3711, 7 RFC 3775, 11
DSP0226, 5 DSP0227, 5	RFC 3776, 11 RFC 3898, 8 RFC 3913, 11
<b>E</b> ECMA	RFC 3973, 11 RFC 4025, 8
368, 9 European Telecommunication Standardisation Institute	RFC 4919, 9 RFC 5519, 6 RFC 5555, 11
TS 102 624-1, 9	RFC 5568, 11 RFC 6477, 3
Federal Bureau of Investigation	RFC 6621, 11 RFC 6724, 8
IAFIS-DOC-01078-8.1, 3	RFC 6762, 8 RFC 6763, 6 RFC 6793, 11
Institute of Electrical and Electronics Engineers	ISO/IEC 19794-2, 5
802.15.4, 9 802.16e, 9, 9 802.1S, 9 802.20, 9	19794-5, 5 19794-6, 5, 13 29500-1, 13 29500-3, 13
Internet Engineering Task Force draft-ietf-manet-dsr-09, 9 RFC 2021, 5 RFC 2080, 11	29500-4, 13 ITU Standardisation G. 993-2, 8 T.38, 4
RFC 2392, 6	7

M	ebms2, 6
Microsoft	ws-bpel, 4
MS-SMB - 20130118, 8	ws-notif, 4
Multilateral Interoperability Program	wsdd-discovery-1.1-spec, 6
MIM 4.1, 2	wsn-ws_brokered_notification-1.3-spec-os,
MIP BL 4, 2	4
,	wsn-ws_topics-1.3-spec-os, 4
N	wsrp-specification-2.0, 6
NATO	wss-v1.1-spec-os-SwAProfile, 3
	xacml-3.0-core-spec-os, 5
AC/322-D(2004)0024REV2, 5 TIDE/TIDE-ID-SP, 6	Object Management Group
	formal-2012-05-10, 13
TIDE/TTB, 2	Open GIS Consortium
TN-1417, 10, 10, 11, 11, 11, 12, 12 NATO Standardization Office	01-009, 4
	05-007r7, 4
ADatP-12 Vol 1 (E)(1), 13	05-047r3, 2
ADatP-12 Vol 2 (E), 13	06-050r3, 7
ADatP-31 (C), 13	07-057r7, 4
ADatP-4733 Ed A Ver 1, 2	07-067r5, 2
AEtP-4722 Ed. A Ver. 1, 2	Open Grid Forum
AIDPP-01 ed. A version 1, 2	draft-ogf-ogsa-spec-1.5-011, 9
STANAG (RD) 5067 Ed 2, 12	OpenSearch.org
STANAG (RD) 5518 Ed 4 /	OpenSearch 1.1 Draft 4, 7
ATDLP-5.18(B)(2), 2, 3, 10, 10	,
STANAG 4444 Ed 2, 12	Т
STANAG 4586 Ed 4, 10	The Open Group
STANAG 4706 Ed 1, 9	C310, 8
STANAG 4711 Ed 1, 10, 10, 11, 12, 12, 12	C702, 8
STANAG 5511 (Study) Ed 10, 2, 3, 10, 10	C706, 8
STANAG 5516 (Study) Ed 8, 2, 3, 10	F209a, 8
STANAG 5528 Ed 1, 7	P702, 5
STANAG 7194 Ed 2, 7	tm-forum
NATO Standardization Office (expected in	eTOM Rel.13, 6
future)	TMF621, 14
ATDLP-7.04(A)(1), 14	TMF622, 14
ATDLP-7.33(B)(1), 13	TR250, 14
STANAG 4175 Ed 6, 9, 10, 12	,
STANAG 4538 Ed 2, 9	U
STANAG 5522 Ed 6 / ATDLP-5.22(B), 3, 3	United States of America - Department of
STANAG 5616 Ed 7, 10	Defense
_	DIN: DOD_BTF_TS_EBTS_
0	Mar09_02.00.00, 5
OASIS	DIN: DOD_BTF_TS_EBTS_
AVDL Specification - 01, 4	Nov06_01.02.00, 5
CAP 1.2, 9	MIL-STD-6017 D, 3

USB.org wusb, 9

#### W

W3C NOTE-wsci-20020808, 7 REC-ws-addr-core-20060509, 4 REC-ws-metadata-exchange-20111213, 7 REC-wsdl20-20070626, 6 REC-xforms-20031014, 7 REC-xlink11-20100506, 6 REC-xml11-20060816, 6 SOAP Version 1.2, 6 WD-html5-20121025, 3 WD-xquery-20030502, 7 Web Services Interoperability Organisation AttachmentsProfile-1.0-2006-04-20, 4 BP12, 4 SimpleSoapBindingProfile-1.0-2004-08-24, wsbp, 4

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