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# **COMBINED FEDERATED BATTLE LABORATORIES NETWORK (CFBLNet)**



## **PUBLICATION 1 ANNEX I**

### **GLOSSARY OF TERMS**

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**DOCUMENT CONTROL AND TRACKING METADATA**

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## ANNEX I – GLOSSARY OF TERMS

This document provides a high-level definition of terms for use by members of the CFBLNet or others who are interested in CFBLNet interoperability Initiatives.

<b>Term</b>	<b>Meaning</b>
AES	Advanced Encryption Standard
AIT5 JPO	See MNIS-JPO.
ATM	Asynchronous Transfer Mode: a networking technology based on a cell-switching model.
AUSCANNZUKUS	Consists of the five nations of Australia, Canada, New Zealand, the United Kingdom, and the United States.
Black backbone (BLACKBONE)	A common, closed, unclassified routed IPv4/IPv6 network layer implemented using a mixture of both ATM and IP bearer networks. Its primary purpose is to transport encrypted traffic throughout the network. [see Annex D Ch 5]
BLUE Enclave	A permanent classified IPv4 routed logical network operating over the BLACKBONE. It operates as a System High logical network at the SECRET level, releasable AUSCANNZUKUS + NATO. [see Annex D Ch 6]
BPS	Boundary Protection Service. Generic concept that provides security services needed whenever an enclave interfaces with another. [see Annex C para 315]
C4	Command Control Communications Computers
C4ISR	Command Control Communications Computers Intelligence Surveillance and Reconnaissance
CAEC	Coalition Accreditation Endorsement Certificate
CCCC	Combined Communications Control Center - Network Control Center, also known as the Quad C. Part of the MNIS PMO. [See Annex D para 302]
CCEB	Combined Communications-Electronics Board
C-EG	CFBLNet Executive Group - the oversight group of the CFBLNet, answerable to the C-SSG. [see Annex A para 205]

<b>Term</b>	<b>Meaning</b>
CFBLNet	Combined Federated Battle Laboratories Network - a multinational, research, development, training, trials and assessment infrastructure based on an IP backbone network. The term also covers the supporting staff, working groups and management structure.
Charter	See Technical Arrangement
CIIP	CFBLNet Initiative Information Package. A Microsoft Excel Workbook used to capture and maintain the information required to review an Initiative and track its status. Defined in Annex B. [See Annex B Ch 3]
CIS	Communications and Information Systems
CLR	Core CFBLNet Mission Partner Lead Representative. Each CMP has a CLR who acts as the central POC for the coordination of CFBLNet activities of the CMP. [see Annex A, para 214]
CMM	CFBLNet Management Meeting. The CMM is facilitated by the Secretariat, and hosted by a CLR. It is attended by the C-EG, Secretariat, CLRs / GLRs, WG representatives, the Initiative Sponsor of proposed Initiatives, and other persons as invited by the C-EG or CLRs / GLRs. [see Pub 1 Ch 3].
CMP	Core CFBLNet Mission Partner (formerly Charter Nation / Organisation) are member nations and belong to one of the three Principal Participants. Each CMP has one lead known as the CMP Lead Representative (CLR). [see Pub 1, para 208]
Comments matrix	Record of proposed changes for the main body and each Annex of Pub1. Format is defined in Annex E.
Core Network Services	Robust, reliable and stable services which have been developed and deployed on the CFBLNet permanent components to support Initiatives. Divided into 'Critical Infrastructure' and 'Supporting Infrastructure'. [see Annex D para 402]
C-SSG	CFBLNet Senior Steering Group - a flag-level steering group that provides overall direction on CFBLNet matters. There is one representative from each Principal Participant. [see Annex A para 201]

<b>Term</b>	<b>Meaning</b>
CUE	CFBLNet Unclassified Enclave – A permanent IPv4/IPv6 enclave operating over the BLACKBONE. It operates at the Unclassified Non releasable to Internet level, releasable to the CMPs and GMPs as directed by the C-EG. [see Main Body para 211]
CWAN	Coalition Wide Area Network
CWID	Coalition Warrior Interoperability Demonstration
DISA	Defense Information Systems Agency
DNS	Domain Name System
DWG	Documents Working Group. A WG that deals with all publication aspects of CFBLNet, consisting of nominated CMP's or their representatives. [see Annex A para 219]
EAL	Evaluation Assurance Level
Enclave	An information processing domain at a site which operates at a specific security level. Initiatives execute in enclaves.
FIPS	Federal Information Processing Standard
GMP	Guest CFBLNet Mission Partner (formerly Sponsored Nation / Organisation). Entities which are not Core CFBLNet Mission Partners may become Guest CFBLNet Mission Partners, subject to the approval of the Principal Participants.
GLR	Guest CFBLNet Mission Partner Lead Representative. A CMP can sponsor a non-CMP to connect to the CFBLNet and participate in agreed Initiatives, subject the approval of the Principal Participants.
IATO	Interim Approval To Operate [see Annex C para 309]
IETF	Internet Engineering Task Force
I-NAEC	Initiative National Accreditation Endorsement Certificate [see Annex C para 501]
Initiative	An activity utilizing the CFBLNet. This may be a series of tests, experiments, training and/or trials designed to resolve combined interoperability shortfalls between networks, link circuits, systems, applications and /or security levels.[see Annex B, para 106]

<b>Term</b>	<b>Meaning</b>
Initiative Lead	The person responsible for coordinating among the participating members for the planning, execution and reporting on an Initiative. The Initiative Lead is identified on the Initiative Proposal. The Initiative Lead coordinates with the CLR or GLR of the Initiative Sponsor, and is also, responsible for briefing the Initiative Proposal at CMMs, and providing status updates.
Initiative Lead CLR	The CLR of the Initiative Lead's CMP. For role and responsibilities see Annex A.
Initiative Lead GLR	The GLR of the Initiative Lead's GMP. For role and responsibilities see Annex A.
Initiative Matrix	Spreadsheet maintained by the IWG with support from the Secretariat to track the status of CFBLNet Initiatives.
Initiative Participant	Nation, Service, Agency or specific organization conducting an Initiative on CFBLNet. The Initiative Participant may be a part of a CMP or GMP. [see Main Body para 215-217]
Initiative Proposal	The initial paperwork proposing a new project produced by the Initiative Lead. The Initiative Proposal format is detailed in CFBLNet Pub 1 Annex B.
Initiative Sponsor	The CMP or GMP which has an overall responsibility for an Initiative.
IP	Internet Protocol
IWG	Initiatives Working Group. The WG that manages and controls the CFBLNet Initiative process.
MNIS PMO	Multinational Information Sharing Project Management Office. Acts as the Secretariat and network manager for the CFBLNet Formerly known as the AITS-JPO.
MNIS-JPO	See MNIS PMO.
MoA	Memorandum of Agreement
MoA	Memorandum of Arrangement
MoU	Memorandum of Understanding
MSAB	Multi-National Security Accreditation Board

<b>Term</b>	<b>Meaning</b>
NAA	National Accreditation Authority
NAEC	National Accreditation Endorsement Certificate. Completed by the CMP Accreditation Authority (for either the CMP or GMP) and sent to the MSAB Chair. (See S-NAEC and I-NAEC)
NATO	North Atlantic Treaty Organisation
NC3A	NATO Consultation, Command and Control Agency
Network Test	Testing designed to ensure connectivity and interoperability across the CFBLNet.
NOC	Network Operations Centre [see Annex D para 401]
Non-mature / immature project	A project which is still being developed e.g. funding issues or security requirements still to be resolved etc.
NTP	Network Time Protocol
NWG	Network Working Group – A WG that deals with all Network aspects of the CFBLNet, consisting of nominated CMP representatives.
Participant	The term ‘participant’ has no specific meaning in CFBLNet - normal English-language usage only.
Persistent Enclave	An enclave created for an infinite period to support the execution of multiple Initiatives and operating over the BLACKBONE. It will operate as a System High logical network at the SECRET level, releasable to the CAVEAT approved by the C-EG.
PMP	A Potential CFBLNet Mission Partner; Any entity engaged in, or supported by, research, development, trials, and assessment (RDT&A) for Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capability development across the spectrum of operations is a Potential CFBLNet Mission Partner
POC	Point of Contact - The primary person with whom contact should be made.
POP	Point of Presence

<b>Term</b>	<b>Meaning</b>
Principal Participant	The three Principal Participants are: the United States, the CCEB and NATO. Each has one C-SSG representative and one C-EG representative.
Pub 1	CFBLNet Publication - 1 details the Organization and Responsibilities of CFBLNet.
RSA	Rivest, Shamir, Adleman: a widely used encryption algorithm.
Secretariat	Acts as the central point for the coordination of day-to-day management of activities of the CFBLNet on behalf of the C-SSG and C-EG.
SME	Subject Matter Expert. Person or persons having expert knowledge in a particular content area.
SMTP	Simple Mail Transfer Protocol
S-NAEC	Site National Accreditation Endorsement Certificate [See Annex C para 501]
SNMP	Simple Network Management Protocol
SOC	Statement of Conformity
Strategic Plan	A document maintained by the C-EG on behalf of the C-SSG which provides the strategic plan for CFBLNet together with rationale and action plan.
SWG	Security Working Group - A WG that deals with all Security aspects of the CFBLNet, consisting of nominated CMPs representatives.
Technical Arrangement	The founding document of CFBLNet which was signed by the USA, CCEB, and NATO to establish CFBLNet.
Temporary Enclave	Created for a finite period to support the execution of specific Initiatives and operating over the BLACKBONE. The level of classification and release caveats used within these enclaves will be determined by the Initiative requirements.
TOR	Terms of Reference
UNRI	Unclassified Not Releasable to Internet
VoIP	Voice over IP

<b>Term</b>	<b>Meaning</b>
VPN	Virtual Private Network
WAN	Wide Area Network
WG	Working Group
Z	An abbreviation used for a network encryption device.