

# Build and Operate a Trusted DoDIN

Cybersecurity-Related Policies and Issuances  
Developed by the DoD  
Deputy CIO for Cybersecurity  
Last Updated: February 28, 2019  
Send questions/suggestions to  
[info@csiac.org](mailto:info@csiac.org)

## ORGANIZE

### Lead and Govern

EO 13800: Strengthening Cybersecurity of Fed Nets and CI	EO 13636: Improving Critical Infrastructure Cybersecurity	PPD 41: United States Cyber Incident Coordination	PPD 21: Critical Infrastructure Security and Resilience	National Cyber Strategy	U.S. Int'l Strategy for Cyberspace	NIST Framework for Improving Critical Infrastructure Cybersecurity	2017 National Security Strategy	CNSSP-24 Policy on Assured Info Sharing (AIS) for National Security Systems(NSS)
National Defense Strategy (NDS)	2019 National Intelligence Strategy	DoD Cloud Strategy	National Military Strategy (NMS)	DoDD 8000.01 Management of the DOD Information Enterprise	DoDI 8500.01 Cybersecurity	2018 DoD Cyber Strategy	DoD Defending Networks, Systems and Data Strategy	DoD Information Technology Environment Strategic Plan

## ORGANIZE

### Design for the Fight

NIST SP 800-119 Guidelines for the Secure Deployment of IPv6	Common Criteria Evaluation and Validation Scheme (CCEVS)
CNSSP-11 Nat'l Policy Governing the Acquisition of IA and IA-Enable IT	DFARS Subpart 208.74, Enterprise Software Agreements
DoDD 5000.01 The Defense Acquisition System	DoDD 7045.20 Capability Portfolio Management
DoDD 8115.01 IT Portfolio Management	DoDI 5000.02 Operation of the Defense Acquisition System
DoDI 5200.44 Protection of Mission Critical Functions to Achieve TSN	DoDI 7000.14 Financial Management Policy and Procedures (PPBE)
DoDI 8115.02 IT Portfolio Management Implementation	DoDI 8310.01 Information Technology Standards in the DoD
DoDI 8330.01 Interoperability of IT and National Security Systems (NSS)	DoDI 8510.01 Risk Management Framework for DoD IT
DoDI 8580.1 Information Assurance (IA) in the Defense Acquisition System	RMF Knowledge Service
MOA between DoD CIO and ODNI CIO Establishing Net-Centric Software Licensing Agreements	DODAF (Version 2.02) DoD Architecture Framework
CJCSI 5123.01H Charter of the JROC and Implementation of the JCID	Joint Publication 6-0 Joint Communications System
CNSS National Secret Fabric Architecture Recommendations	MOA Between DoD and DHS (Jan. 19, 2017, requires CAC)

### Develop the Workforce

CNSSD-500 Information Assurance (IA) Education, Training, and Awareness	NSTISSD-501 National Training Program for INFOSEC Professionals
CNSSI-4000 Maintenance of Communications Security (COMSEC) Equipment	NSTISSI-4011 National Training Standard for INFOSEC Professionals
CNSSI-4012 National IA Training Standard for Senior Systems Managers	CNSSI-4013 National IA Training Standard For System Administrators (SA)
CNSSI-4014 National IA Training Standard For Information Systems Security Officers	NSTISSI-4015 National Training Standard for System Certifiers
CNSSI-4016 National IA Training Standard For Risk Analysts	DoDD 8140.01 Cyberspace Workforce Management
DoD 8570.01-M Information Assurance Workforce Improvement Program	DoDI 8550.01 DoD Internet Services and Internet-Based Capabilities

### Partner for Strength

NIST SP 800-144 Guidelines on Security and Privacy in Public Cloud Computing	NIST SP 800-171, R1 Protecting CUI in Nonfederal Systems and Organizations
CNSSP-14 National Policy Governing the Release of IA Products/Services...	CNSSI-1253 Security Categorization and Control Selection for Nat'l Security Systems
CNSSI-1253F, Atchs 1-5 Security Overlays	CNSSI-4007 Communications Security (COMSEC) Utility Program
CNSSI-4008 Program for the Mgt and Use of Nat'l Reserve IA Security Equipment	DoDI 5205.13 Defense Industrial Base Cyber Security / IA Activities
DoD 5220.22-M, Ch. 2 National Industrial Security Program Operating Manual (NISPOM)	ICD 503 IT Systems Security Risk Management and C&A

## ENABLE

### Secure Data in Transit

FIPS 140-2 Security Requirements for Cryptographic Modules	NIST SP 800-153 Guidelines for Securing Wireless Local Area Networks
CNSSP-1 National Policy for Safeguarding and Control of COMSEC Material	CNSSP-15 Use of Pub Standards for Secure Sharing of Info Among NSS
CNSSP-17 Policy on Wireless Communications: Protecting Nat'l Security Info	CNSSP-19 National Policy Governing the Use of HA/PE Products
CNSSP-25 National Policy for PKI in National Security Systems	NSTISSP-101 National Policy on Securing Voice Communications
NACSI-2005 Communications Security (COMSEC) End Item Modification	CNSSI-5000 Voice Over Internet Protocol (VoIP) Computer Telephony (Annex I, VoSIP)
CNSSI-5001 Type-Acceptance Program for VoIP Telephones	NACSI-6002 Nat'l COMSEC Instruction Protection of Gov't Contractor Telecomm's
CNSSI-7003 Protected Distribution Systems (PDS)	DoDD 8100.02 Use of Commercial Wireless Devices, Services, and Tech in the DoD GIG
DoDD 8521.01E Department of Defense Biometrics	DoDI 4650.01 Policy and Procedures for Mgt and Use of the Electromagnetic Spectrum
DoDI 8100.04 DoD Unified Capabilities (UC)	DoDI 8420.01 Commercial WLAN Devices, Systems, and Technologies
DoDI 8523.01 Communications Security (COMSEC)	DoDI S-5200.16 Objectives and Min Stds for COMSEC Measures used in NC2 Comms
CJCSI 6510.02E Cryptographic Modernization Plan	CJCSI 6510.06C Communications Security Releases to Foreign Nations

### Manage Access

HSPD-12 Policy for a Common ID Standard for Federal Employees and Contractors	FIPS 201-2 Personal Identity Verification (PIV) of Federal Employees and Contractors
CNSSP-3 National Policy for Granting Access to Classified Cryptographic Information	CNSSP-16 National Policy for the Destruction of COMSEC Paper Material
CNSSI-1300 Instructions for NSS PKI X.509	NSTISSI-3028 Operational Security Doctrine for the FORTEZZA User PCMCIA Card
CNSSI-4001 Controlled Cryptographic Items	CNSSI-4003 Reporting and Evaluating COMSEC Incidents
CNSSI-4005 Safeguarding COMSEC Facilities and Materials, amended by CNSS-008-14	CNSSI-4006 Controlling Authorities for COMSEC Material
DoDI 1000.25 DoD Personnel Identity Protection (PIP) Program	DoDI 5200.01 DoD Information Security Program and Protection of SCI
DoDI 5200.08 Security of DoD Installations and Resources and the DoD PSRB	DoDI 8520.02 Public Key Infrastructure (PKI) and Public Key (PK) Enabling
DoDI 8520.03 Identity Authentication for Information Systems	DoDM 1000.13, Vol. 1 DoD ID Cards: ID Card Life-cycle

### Assure Information Sharing

DoDI 8320.02 Sharing Data, Info, and IT Services in the DoD	DoDI 8582.01 Security of Unclassified DoD Information on Non-DoD Info Systems
DoD Information Sharing Strategy	United States Intelligence Community Information Sharing Strategy
CJCSI 6211.02D Defense Information System Network: (DISN) Responsibilities	CJCSM 3213.02D, Joint Staff Focal Point

## ANTICIPATE

### Understand the Battlespace

FIPS 199 Standards for Security Categorization of Federal Info. and Info. Systems	NIST SP 800-59 Guideline for Identifying an Information System as a NSS
NIST SP 800-60, Vol 1, R1 Guide for Mapping Types of Info and Info Systems to Security Categories	NIST SP 800-92 Guide to Computer Security Log Management
NIST SP 800-101, R1 Guidelines on Mobile Device Forensics	NISTIR 7693 Specification for Asset Identification 1.1
CNSSP-28 Cybersecurity of Unmanned National Security Systems	DoDI S-5240.23 Counterintelligence (CI) Activities in Cyberspace

### Prevent and Delay Attackers and Prevent Attackers from Staying

FIPS 200 Minimum Security Requirements for Federal Information Systems	NIST SP 800-37 R1 Guide for Applying the Risk Mgt Framework to Fed. Info. Systems
NIST SP 800-53 R4 Security & Privacy Controls for Federal Information Systems	NIST SP 800-53A R4 Assessing Security & Privacy Controls in Fed. Info. Systems & Orgs.
NIST SP 800-61, R2 Computer Security Incident Handling Guide	NIST SP 800-124, R1 Guidelines for Managing the Security of Mobile Devices in the Enterprise
NIST SP 800-128 Guide for Security-Focused Configuration Mgt of Info Systems	CNSSAM IA 1-10, Reducing Risk of Removable Media in NSS
DoDI 5200.39 CPI Identification and Protection within RDT&E	DoDI 8551.01 Ports, Protocols, and Services Management (PPSM)
DoDI 8530.01, Cybersecurity Activities Support to DoD Information Network Operations	DoD O-8530.1-M CND Service Provider Certification and Accreditation Program
DoDM 5105.21V1, SCI Admin Security Manual: Info and Info Sys Security	CJCSI 6510.01F Information Assurance (IA) and Computer Network Defense (CND)
CJCSM 6510.01B Cyber Incident Handling Program	CJCSM 6510.02 IA Vulnerability Mgt Program
DTM 17-007, Defense Support to Cyber Incident Response	

### ABOUT THIS CHART

- This chart organizes cybersecurity policies and guidance by Strategic Goal and Office of Primary Responsibility (see Color Key). Double-clicking on the box directs users to the most authoritative publicly accessible source.
- Policies in *italics* indicate the document is *marked for limited distribution or no authoritative public-facing hyperlink is currently available*.
- The linked sites are not controlled by the developers of this chart. We check the integrity of the links on a regular basis, but you may occasionally experience an error message due to problems at the source site or the site's decision to move the document. Please let us know if you believe the link is no longer valid.
- CNSS policies link only to the CNSS site, per restrictions implemented by its website design.
- Boxes with red borders reflect recent updates.
- Note: Users of the iPad, iPhone or iPod Touch may find they can view this Chart but that its hyperlinks are inoperable, because of Apple's decision not to fully support certain Adobe products. For those who desire a workaround for this issue, there are apps in the iTunes store for less than \$1.00.
- For the latest version of this chart go to [http://iac.dtic.mil/csia/ic\\_policychart.html](http://iac.dtic.mil/csia/ic_policychart.html). You can sign up to be alerted by e-mail to any updates to this document.

## PREPARE

### Develop and Maintain Trust

CNSSP-12 National IA Policy for Space Systems Used to Support NSS	CNSSP-21 National IA Policy on Enterprise Architectures for NSS
NSTISSD-600 Communications Security (COMSEC) Monitoring	CNSSI-5002, National Information Assurance (IA) Instruction for Computerized Telephone Systems
DoDD 3020.40 Mission Assurance	DoDD 3100.10 Space Policy
DoDI 8581.01 IA Policy for Space Systems Used by the DoD	DoDD 5144.02 DoD Chief Information Officer

### Strengthen Cyber Readiness

NIST SP 800-18, R1 Guide for Developing Security Plans for Federal Information Systems	NIST SP 800-30, R1 Guide for Conducting Risk Assessments
NIST SP 800-126, R3 SCAP Ver. 1.3	NIST SP 800-137 Continuous Monitoring
NIST SP 800-39 Managing Information Security Risk	DoDD 3700.01 DoD Command and Control (C2) Enabling Capabilities
DoDD S-3710.01 National Leadership Command Capability	DoDI 8560.01 COMSEC Monitoring
Joint Special Access Program (SAP) Implementation Guide (JSIG)	

### Sustain Missions

CNSSP-18 National Policy on Classified Information Spillage	CNSSP-22, IA Risk Management Policy for National Security Systems
CNSSP-300 National Policy on Control of Compromising Emanations	CNSSI-1001 National Instruction on Classified Information Spillage
CNSSI-4004.1, Destruction and Emergency Protection Procedures for COMSEC and Class. Material	CNSSI-7000 TEMPEST Countermeasures for Facilities
NSTISSI-7001 NONSTOP Countermeasures	DoDD 3020.26 DoD Continuity Policy
DoDD 3020.44 Defense Crisis Management	DoDI 8410.02 NetOps for the Global Information Grid (GIG)
Defense Acquisition Guidebook RMF for DoD IT	NSA IA Directorate (IAD) Management Directive MD-110 Cryptographic Key Protection

### Color Key - OPRs

ASD(NII)/ASD(C3I) /DOD CIO	NIST	USD(I)
CNSS/NSTISS	NSA	USD(P)
DISA	OSD	USD(P&R)
DNI	CYBERCOM	Other Agencies
JCS	USD(AT&L)	Recently updated policy and/or link Expired, Update pending
NIAP	USD(C)	

## NATIONAL / FEDERAL

Computer Fraud and Abuse Act Title 18 (§1030)	Federal Wiretap Act Title 18 (§2510 et seq.)
Stored Communications Act Title 18 (§2701 et seq.)	Pen Registers and Trap and Trace Devices Title 18 (§3121 et seq.)
Foreign Intelligence Surveillance Act Title 50 (§1801 et seq)	Executive Order 13231 as Amended by EO 13286 - Critical Infrastructure Protection in the Info Age
Executive Order 13526 Classified National Security Information	Executive Order 13587 Structural Reforms To Improve Classified Nets
Executive Order 13691 Promoting Private Sector Cybersecurity Information Sharing	NSD 42, National Policy for the Security of Nat'l Security Telecom and Information Systems
PPD 28, Signals Intelligence Activities	NSPD 54 / HSPD 23 Computer Security and Monitoring
A-130, Management of Fed Info Resources	FAR Federal Acquisition Regulation
Ethics Regulations	National Strategy to Secure Cyberspace
Summary of the 2018 DoD Artificial Intelligence Strategy	NIST Special Publication 800 Series
NIST SP 800-125A, R1, Security Recommendations for Hypervisor Platforms	NISTIR 7298, R2, Glossary of Key Information Security Terms
CNSSD-502 National Directive On Security of National Security Systems	CNSSD-900, Governing Procedures of the Committee on National Security Systems
CNSSD-901 Nat'l Security Telecomm's and Info Sys Security (CNSS) Issuance System	CNSSI-4009 Cmte on National Security Systems Glossary

## OPERATIONAL

CYBERCOM Orders	JFHQ-DODIN Orders
-----------------	-------------------

## SUBORDINATE POLICY

Security Configuration Guides (SCGs)	Component-level Policy (Directives, Instructions, Publications, Memoranda)
Security Readiness Review Scripts (SRRs)	Security Technical Implementation Guides (STIGs)