



**DEPUTY SECRETARY OF DEFENSE
1010 DEFENSE PENTAGON
WASHINGTON, DC 20301-1010**

AUG 15 2019

**MEMORANDUM FOR CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
CHIEFS OF THE MILITARY SERVICES
CHIEF OF THE NATIONAL GUARD BUREAU
COMMANDANT OF THE COAST GUARD
COMMANDERS OF THE COMBATANT COMMANDS
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE
DIRECTOR OF COST ASSESSMENT AND PROGRAM
EVALUATION
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE
DIRECTOR OF OPERATIONAL TEST AND EVALUATION
ASSISTANT SECRETARY OF DEFENSE FOR LEGISLATIVE
AFFAIRS
ASSISTANT TO THE SECRETARY OF DEFENSE FOR PUBLIC
AFFAIRS
DIRECTOR OF NET ASSESSMENT
DIRECTORS OF DEFENSE AGENCIES
DIRECTORS OF DOD FIELD ACTIVITIES**

SUBJECT: Fourth Estate Network Optimization Execution Guidance

**References: a) "DoD Inspector General Network Management" memorandum, dated
November 5, 2018
b) "IT Reform Organizational Scope" memorandum, dated April 12, 2019**

On December 21, 2017, the Reform Management Group (RMG) directed the Information Technology (IT) and Business Systems Reform Group to review IT networks, policies, business processes, functions, costs, personnel, and IT organizational structures across the Fourth Estate. An assessment was performed by the Department of Defense (DoD) Chief Management Officer (CMO) and the Chief Information Officer (CIO), and a decision was made to consolidate Fourth Estate Common Use IT functions across the Defense Agencies and Field Activities (DAFAs) listed in Attachment 1 under a Single Service Provider (SSP).

The Defense Information Systems Agency (DISA) is hereby granted the authority beginning on October 1, 2019, to direct the transition of each DAFA from legacy Common Use IT services and assets into the SSP environment over the period FY20–FY24. DISA's authority includes the ability to give direction to DAFAs regarding all Common Use IT assets and services designated for transfer to DISA or to a DISA-approved contract.

Accordingly, DISA is directed to develop and provide a comprehensive Defense Working Capital Fund (DWCF) Common Use IT service, integrating commercially procured and inherently government services to comprise an initial SSP environment ready for early adopters



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within 90 days. DISA is directed to engage with each affected DAFA to negotiate and establish Common Use IT functions spanning cyber security, enterprise services, asset management, network services, and operations as explained in Attachment 2. Memorandums of Agreement will be established by DISA covering authorizing official authorities and responsibilities when provided common use IT impacts mission operations. DISA will respond to DAFA's requests for new capabilities and involve DAFAs in architecture decisions and technology insertion and innovations to provided products and services. DAFAs may appeal decisions to the DoD CIO and their Principal Staff Assistant (PSA). Operations, sustainment, and procurement of IT functions not within the scope of Common Use IT will remain under the purview of each DAFA. If adjudication is required, the SSP will submit an analysis supported recommendation on the impact of accepting new or disputed functionality as part of the SSP and the DAFA will submit an analysis supported recommendation on the operational impact of that function transitioning to the SSP. A decision or waiver will be determined by the DoD CIO in coordination with the DAFA's PSA.

During the transition to the SSP environment, DISA will unify the government workforce and contracts for Common Use IT services and assets. In order to consolidate the government workforce for efficiencies, the President's Budget 2020 Program Decision Memorandum has directed a transfer of Common Use IT workforce positions from each DAFA to DISA beginning in FY20. DISA's authority as the SSP for Common Use IT services includes the designation of additional IT workforce positions corresponding to legacy Common Use IT services and assets at each DAFA for transfer to DISA in future years. In order to consolidate contracts for economies of scale, DISA's authority includes the ability to direct DAFAs to review, and if deemed by DISA to be feasible and in the best interests of the Department, modify and de-scope incumbent legacy contracts, and utilize DISA's DWCF chartered services and designated contract vehicles for Common Use IT services and assets.

IT Reform is a strategic imperative to building a more lethal force. Fourth Estate organizations are directed to provide full cooperation and support in these efforts. Please provide all requested information to the Fourth Estate Network Optimization lead, Col Jon (Chris) Autrey at jon.c.autrey.mil@mail.mil. The DISA executive point of contact for Fourth Estate Network Optimization is Mr. Llewellyn (Don) Means at llewellyn.d.means.civ@mail.mil. The DoD CIO executive point of contact is Ms. Danielle Metz, danielle.a.metz.civ@mail.mil.

Attachments:
As stated

A handwritten signature in blue ink, appearing to read "Danielle Metz".

ATTACHMENT 2: DEFINITIONS

Common Use IT Services and Capabilities – the ubiquitous IT effort at 4th Estate Agencies / Activities spanning enterprise services (as common use IT services), asset management (spanning procurement, provisioning and management), cyber security, , network services, and IT operations. In addition, other common use IT services are identified as similar IT requirements found in two (2) or more DAFA environments. Recognizing DAFA’s mission variances, Common use IT determinations will be negotiated and include, but are not limited to, the following functional areas:

End User Support	Storage Services	Cyber Security
Workstation support	Basic storage/shared drives	Firewalls
Software licenses	Backup and recovery	Credentials management users/devices
End user computing devices	Replicated storage	Scanning services
End user voice devices	Storage COOP	Patching services
Printers/scanners/peripherals		Access control services
Collaboration/UC services	Application & Hosting	CSSP services
Office Productivity services	COOP	Identity management
VIP support	Mainframe	Cyber/IA training
	Dedicated server hoteling	Certification & Accreditation
Voice Infrastructure Services	Virtual server hosting	Authorizing Official
Telephony (Digital/Analog)	Software procurement	Auditing
Secure Telephony	Application development & maintenance	Incident reporting
	Application hosting	Public Key Infrastructure
Network Access Services	Website development & maintenance	Network Security
NIPRNet		Endpoint Security
SIPRNet	Message and Directory Services	Software assurance
Commercial Internet	Email services & gateway	IT Service Management
Network Infrastructure	Directory/GAL services	IT Asset Management
Organization LAN (e.g. COI/VRF/etc)	Fax services & gateway	IT Portfolio Management
Life Safety/SCADA (ICS)		IT Performance Management
Circuits	Video Services	ITSM services (e.g. ITIL framework)
Remote Access/VPN	Video Teleconferencing (VTC)	Change & Configuration Management
Wireless network services	IP TV	Network Operations
Cellular network services	Video on Demand	Backup & Storage
Secure Content Delivery	Web streaming	Database Management
De-Militarized Zone (DMZ)	Cable TV	Network Operations Center (NOC) / Security Operations Center (SOC)
DNS & DHCP		Request Fulfillment
Cross Domain Solutions	IT Acquisitions	Service Desk (Tiers 0-3)
Network Monitoring	License Management	Release & Deployment
Cabling Termination	IT hardware procurement	Data Sharing
Internet Access Point (IAP)	IT software procurement	Training
Cloud Access Point (CAP)	Supply chain management	
Virtual Desktop Infrastructure (VDI)		
Secure Content Delivery		

Legacy Common Use IT – IT services designed, procured, implemented, and maintained by an Agency/Activity/Center prior to the utilization of a DWCF IT service coordinated by DISA.

ATTACHMENT 1: FOURTH ESTATE ORGANIZATION OPTIMIZATION LIST

1. Defense Advanced Research Projects Agency - DARPA
2. Defense Contract Audit Agency - DCAA
3. Defense Contract Management Agency - DCMA
4. Defense Finance and Accounting Service - DFAS
5. Defense Health Agency - DHA (to take effect in 2022)
6. Defense Human Resources Agency / Defense Manpower Data Center - DHRA/DMDC
7. Defense Information Systems Agency - DISA
8. Defense Logistics Agency - DLA
9. Defense Media Activity - DMA
10. Defense Microelectronics Activity - DMEA
11. Defense POW/MIA Accounting Agency - DPAA
12. Defense Technical Information Center - DTIC
13. Defense Threat Reduction Agency - DIRA
14. Missile Defense Agency - MDA