
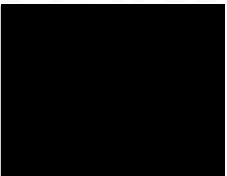



UNCLASSIFIED

Department of the Navy COMMENTS MATRIX FOR Final Report of the Defense Science Board Task Force on Cybersecurity and Reliability in a Digital Cloud

#	CLASS	COMPONENT AND POC NAME, PHONE, AND E-MAIL	PAGE	PARA	COMMENT TYPE	COMMENTS, JUSTIFICATION, AND ORIGINATOR JUSTIFICATION FOR RESOLUTION	A/R/P
I	U		Xiii	2	S	<p>Coordinator Comment: Recommend while pursuing private cloud computing for classified applications, the Department of Defense (DoD) place the heaviest possible emphasis on partnering with and leveraging the Intelligence Community Information Technology Enterprise (IC ITE).</p> <p>Coordinator Justification: IC ITE, being implemented under the direction of the IC Chief Information Officer (CIO), is delivering a Top Secret/Special Compartmented Information (TS/SCI)-and-below IC Cloud environment that provides for the processing, exploitation, and dissemination of all-source Intelligence, Surveillance, and Reconnaissance (ISR) data; the conduct of Big Data Analytics (BDA) on the data in question; and the integration of the analytical results into advanced decision support systems. The four Service Intelligence Elements, the Defense Intelligence Agency (DIA), the National Security Agency (NSA), the Office of the Undersecretary of Defense for Intelligence (OUSD[I]), and several other DoD entities are actively involved in the IC CIO Council (CIOC)-orchestrated effort aimed at building-out the IC ITE between now and Fiscal Year 2018 (FY 18). DoD should strongly consider partnering with and leveraging that effort before pursuing any independent development of classified cloud computing capabilities.</p> <p>Originator Justification for Resolution:</p>	Choose an item.
2	U		xiii	3	S	<p>Coordinator Comment: Recommend the Department of Defense (DoD) include not only military bases but United States Navy (USN) ships and submarines while considering locations for the deployment of interconnected, modular cloud computing centers.</p> <p>Coordinator Justification: The Defense Science Board (DSB) report properly emphasizes the need for DoD to “provide resilient cloud computing resources at the warfighter ‘edge’ – locations and times with scarce bandwidth.” Examples of the locations include bases ashore and ships at sea. Ongoing efforts related to the Intelligence Cloud (IC) and, more broadly, the</p>	Choose an item.

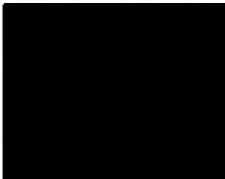
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						<p>Intelligence Community Information Technology Enterprise (IC ITE), have demonstrated the mission benefits associated with giving afloat forces access to cloud-based data/analytic capabilities. They have also demonstrated the feasibility of so doing. DoD should strongly consider capitalizing on those efforts while defining how it will partner with and leverage the emerging IC ITE for classified cloud applications.</p> <p>Originator Justification for Resolution:</p>	
3	U		xiv	2	S	<p>Coordinator Comment: The Department of Defense (DoD) Chief Information Officer (CIO) and Defense Information Systems Agency (DISA) should coordinate with the Intelligence Community (IC) CIO and National Security Agency (NSA) while establishing clear security mandates for DoD cloud computing.</p> <p>Coordinator Justification: Within the the scope of the Intelligence Community Information Technology Enterprise (IC ITE), the IC has been focusing attention and resources on the development of clear security guidelines for the deployment and subsequent of cloud computing capabilities at and below the Top Secret/Special Compartmented Information (TS/SCI) level. Those guidelines are addressing such items as the application of the Risk Management Framework (RMF) and the implementation of Identity and Access Management (IDAM), Attributed-Based Access Controls (ABAC), and Data Tagging. Deliberate cross-talk with the IC would undoubtedly benefit the DoD and, in the process, reduce the cost and complexity factors for the Service Intelligence Elements DoD entities that must operate within both the DoD and IC environments.</p> <p>Originator Justification for Resolution:</p>	Choose an item.

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4	U		xv	I	S	<p>Coordinator Comment: Recommend the Department of Defense (DoD) Undersecretary for Acquisition, Technology, and Logistics (AT&L) and the DoD Chief Information Officer (CIO) address not only hardware and software but services while establishing a leader, more rapid approach to the acquisition of cloud capabilities.</p> <p>Coordinator Justification: Recommend the acquisition model address hardware and software, but it also needs to address services. In both the unclassified and classified cloud environments, DoD entities may benefit from being able to acquire and make effective use of Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS) capabilities offered by other United States Government (USG) and commercial organizations. Those entities need an acquisition model that will allow them to be savvy, responsive consumers of such services.</p> <p>Originator Justification for Resolution:</p>	Choose an item.
							Choose an item.
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