

CLOUD COMPUTING

The Department of Defense seeks to accelerate and streamline the acquisition of cloud computing services at multiple security levels across the Department in an effort to provide the benefits of cloud computing while reducing management and administrative burdens. The Department, under the direction of the Deputy Secretary of Defense, created the Cloud Executive Steering Group to oversee this effort, referred to as the Joint Enterprise Defense Infrastructure (JEDI). This effort would be a tailored acquisition for commercial cloud services that could be a single award indefinite delivery/indefinite quantity contract for a period of up to ten years. There are concerns about the proposed duration of a single contract, questions about the best value for the taxpayer, and how to ensure the highest security is maintained.

Therefore, the Secretary of Defense is directed to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act detailing a framework for all Department entities, to include combat support agencies, to acquire cloud computing services including standards, best practices, contract types, and exit strategies to ensure government flexibility as requirements evolve. The report should also include justification, to include cost considerations, for executing a single award contract rather than creating an infrastructure capable of storing and sharing data across multiple cloud computing service providers concurrently, to include data migration and middleware costs.

In addition, not later than 45 days after the enactment of this Act, the Deputy Secretary of Defense is directed to provide a report on the JEDI cloud computing services contract request for proposals (RFP) to the congressional defense committees. The report shall include the following: the amounts requested in the fiscal year 2018 and 2019 budget for this and all other cloud computing services acquisitions by appropriation; the

fiscal year 2019 future years defense program levels for cloud computing services; identification and justification for acquisitions where “other transactional authorities” will be utilized; certification from the Department of Defense Chief Information Officer that each of the military Services, the combatant commands, Defense Information Systems Agency, and the Chief Information Officers of each of the Services have been consulted during the drafting of the RFP; provisions within the contract to ensure security is maintained over the period of the contract; and provisions for mitigation actions if the commercial entity were to provide services to or be acquired by a foreign entity or government.