



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

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MEMORANDUM FOR CHIEF INFORMATION OFFICERS

FROM: Vivek Kundra *Vivek Kundra*
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SUBJECT: The Federal Data Center Consolidation Initiative

The purpose of this memorandum is to provide an update on Federal Data Center Consolidation Initiative (FDCCI) activities and publish a schedule of deliverables.

Overview

The goal of the Federal Data Center Consolidation Initiative (FDCCI) is to reverse the historic growth of Federal data centers. A 1998 survey of Federal agencies identified 432 agency data centers. In October 2010, after a year of exhaustive data collection and analysis as part of the FDCCI, agencies identified more than 2,000 data centers. The FDCCI seeks to curb this unsustainable increase in the number of data centers by reducing the cost of data center hardware, software, and operations; shifting IT investments to more efficient computing platforms; promoting the use of Green IT by reducing the overall energy and real estate footprint of government data centers; and increasing the IT security posture of the government. The FDCCI promotes shared (multi-tenant), cost-effective, and sustainable Federal data centers in support of agency missions.

To drive this effort as part of our IT Reform Agenda, we launched the Federal Data Center Consolidation Task Force (Task Force) that serves as a forum for best practices and lessons learned. It will lead ongoing inventory validation and verification mechanisms to ensure the accuracy of this data and monitor the execution of agency consolidation plans. The Task Force will address topics such as, but not limited to, cost modeling, the government-wide marketplace detailed in the IT Reform Plan, technical approaches to consolidation (playbooks), consolidation guidelines, how cloud computing will be used to accelerate consolidation, acquisition modalities, and the coordination of the FDCCI with Federal real property and sustainability efforts.

Timeline of FDCCI Deliverables

In order to help meet our goal of consolidating at least 800 data centers by 2015, please find below a list of FDCCI deliverables.

1. **Data Center Consolidation Plans & Data Center Consolidation Progress Report:** By September 30, 2011, participating agencies and all subordinate organizations shall complete all missing elements in their respective consolidation plans and submit them to the General Services Administration (GSA.) Plans are required to include a full master

plan schedule which identifies by quarter data centers to be closed through FY15. These plans must also reflect challenges experienced to date and integrate lessons learned.

Along with the plan resubmission, agencies shall provide a signed verification letter from their CIO which attests to the completeness of agency and subordinate organization consolidation plans, actions agencies took to verify their asset inventories, and any limitations of inventory and/or consolidation plan information.

2. **FDCCI Industry/Government Day:** By August 31, 2011, GSA will host an FDCCI industry day in order to inform Federal agencies about data center consolidation solutions, provide a forum to share consolidation lessons learned, and present innovative consolidation approaches. State and local government organizations will also participate to share best practices and lessons learned across all levels of government.
3. **Publish Agency Data Center Consolidation Plans:** By October 7, 2011, to the extent practicable and subject to valid restrictions, agencies and all subordinate organizations shall make publicly available agency consolidation plans on their public websites. These consolidation plans will also be cross-posted on CIO.gov.
4. **Quarterly Reporting of Data Center Closures:** Beginning October 1, 2011, and every quarter thereafter, agencies and all subordinate organizations shall make available a current list of planned and completed data center closures and consolidations on Data.gov. These consolidation plans will be cross-posted on CIO.gov.
5. **Government-wide Best Practices Report:** By March 31, 2012, the Task Force will publish a government-wide report on the adoption of data center consolidation and optimization best practices. Such a report will be tied to actual agency consolidation outcomes and be grounded in best practices available across the public and private sectors.
6. **FY13 Budget and Beyond:** Agencies are required to include data center consolidation cost savings figures, account for changes in asset inventories, and reflect the progress of consolidation, including funding needs, in agency FY13 budget submissions. Moving forward, cost savings figures will be informed by cost modeling work undertaken by the Task Force. The Office of Management and Budget (OMB) will work with agencies as the President's FY13 budget is developed to finalize these figures. Agencies should plan to mirror this effort with future budget submissions through FY15.
7. **Create a Government-wide Marketplace for Data Center Availability:** By June 9, 2012, OMB and GSA, in conjunction with the Federal Data Center Consolidation Task Force, will create a government-wide marketplace to better utilize spare capacity within operational data centers. The marketplace would increase the number of multitenant Federal data centers, establish the exchange mechanism for agencies to offer and acquire data center capacity and infrastructure, determine appropriate costing and funds-transfer models, verify the need for data centers by communities of interest, and develop standard service levels to be applied across the Federal data center population.