



DEPARTMENT OF DEFENSE  
6000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-6000

August 16, 2005

CHIEF INFORMATION OFFICER

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS

SUBJECT: Transition Planning for Internet Protocol Version 6 (IPv6)

References: (a) OMB Memorandum, Transition Planning for Internet Protocol Version 6 (IPv6), August 2, 2005 (copy attached)  
(b) The Department of Defense (DoD) Internet Protocol Version 6 (IPv6) Transition Plan, Version 1, March 2005  
(c) DoD CIO Memorandum, Internet Protocol Version 6 (IPv6), June 9, 2003

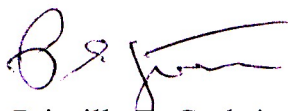
Reference (a) established June 2008 as the date by which all agencies' infrastructure (network backbones) must be using IPv6, and the date by which agency networks must interface with this infrastructure. ASD(NII)/DoD CIO submitted the DoD IPv6 Transition Plan (reference (b)) to Congress in March 2005. This plan described the overall strategy for IPv6 transition, identified roles and responsibilities, and established the initial planning foundation for transition efforts. We need to work with OMB to determine the impact of OMB's guidance on the DoD's IPv6 Transition Plan and to clarify implementation details, transition timelines, and fiscal and operational impacts. Accordingly, careful planning is necessary to ensure that the DoD transition to IPv6 is accomplished in an effective and controlled manner that optimizes end-to-end performance, interoperability, security, scalability, and reliability.

To effectively engage DoD Components in IPv6 transition planning and implementation efforts, a governance structure is needed for addressing critical aspects of the transition in a long-term, systematic approach. I intend to use the DoD CIO Executive Board (EB) to provide top level oversight and guidance for synchronizing DoD Component's IPv6 transition efforts, ensure policies are appropriate to meet the Department's goals, coordinate timeframes for transition activities, and meet emerging operational and technical requirements for DoD IPv6 activities. Per reference (b) and to support the DoD CIO EB in IPv6 transition matters, I will charter an IPv6 Transition Steering Group (ITSG) to provide policy and planning recommendations, identify IPv6 transition issues, and determine effective courses of action for resolution. The ITSG Chair will periodically update the DoD CIO EB on transition issues of mutual DoD-wide interest and provide recommendations to the board, as appropriate. Using the DoD CIO EB and the ITSG, we can collectively formulate DoD's position to IPv6 transition issues.



Milestone objectives are needed to provide a controlled transition to IPv6. An update to the DoD IPv6 transition policy (reference (c)) is forthcoming which will establish DoD IPv6 milestone objectives and shall be issued via separate memorandum. This policy update will be briefed to the DoD CIO EB at the earliest opportunity.

Request DoD Components nominate O6/GS-15 representatives (via email) to participate on the ITSG by August 31, 2005. The ITSG Charter will be distributed separately to proposed membership for review and coordination. For more information, the point of contact for this action is Mr. Kris Strance (DoD Deputy CIO Office), (703) 607-0249, [kris.strance@osd.mil](mailto:kris.strance@osd.mil).



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Deputy Assistant Secretary of Defense  
(Deputy CIO)

cc:

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