



Office, Chief Information Officer / G-6

DEPARTMENT OF THE ARMY
OFFICE OF THE SECRETARY OF THE ARMY
107 ARMY PENTAGON
WASHINGTON DC 20310-0107

AUG 8 2011

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MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Guidance and Policy for Implementation of Office of Management and Budget (OMB) Internet Protocol Version 6 (IPv6) Requirements in Fiscal Years (FYs) 2012 and 2014

1. References:

a. Memorandum, Office of Management and Budget, subject: Transition to IPv6, 28 September 2010.

b. Memorandum, Assistant Secretary of Defense for Networks and Information Integration, subject: Transition to IPv6, 7 March 2011.

c. Army Regulation 25-1, Army Knowledge Management and Information Technology, 4 December 2008.

d. Memorandum, Chief Information Officer/G-6, subject: Army Internet Protocol (IP) Management Policy, 15 November 2010.

2. This memorandum establishes the Army policy for implementation of Internet Protocol version 6 (IPv6) on public-facing servers and services as mandated by references a and b. Army organizations/agencies will upgrade public and external-facing servers and services (e.g., web, email, Domain Name System, Internet service provider services, etc.) to use dual-stack IPv6 by the end of FY 2012; and internal client applications that communicate with public Internet servers and supporting enterprise networks to use dual-stack IPv6 by the end of FY 2014. This policy is effective immediately and will be incorporated in the next revision of AR 25-1.

3. Network Enterprise Technology Command/9th Signal (Army) (NETCOM/9th SC(A)) will lead the execution of the Army's Internet protocol management policy, and the planning for and execution of the transition of public-facing servers and services to IPv6.

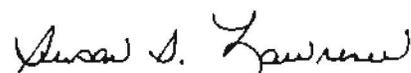
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4. NETCOM/9th SC(A), assisted by representatives from the other stakeholder organizations/activities on this distribution will, develop a Plan of Action & Milestones (POA&M) and submit it to this office for approval no later than 30 September 2011. Also request that addressees designate representatives to participate in the Army IPv6 Stakeholders Working Group, which will convene periodically to plan the activities required to meet the DoD suspenses established in reference b. Army milestones that support this action are listed in enclosure 3.

5. The points of contact for this action are: COL Anthony Howard, Sr., (703) 545-1558 (DSN 865) or anthony.howardsr@us.army.mil; and Mr. Agustin Ortiz, (703) 545-1422 or gus.ortiz@us.army.mil.

Encls


SUSAN S. LAWRENCE
Lieutenant General, GS
Chief Information Officer/G-6

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CF:

DIRECTOR, U.S. ARMY ACQUISITION SUPPORT CENTER

Army Actions in Support of DoD Internet Protocol Version 6 (IPv6) Implementation

1. Purpose: To establish milestones, with suspense dates, for actions supporting the DoD requirement to upgrade public-facing servers and services managed by or for the active Army, the Army National Guard and the U.S. Army Reserve to use IPv6.
2. Scope: All networked services without access controls that the Army currently provides, or will provide, to the general public (all users of the public Internet). This scope extends to any and all unrestricted public-facing services provided, contracted or entirely outsourced to commercial providers by the Army. These procedures apply to all Army organizations/agencies with proponentcy for public-facing servers or services, whether stationed or operating in the continental United States or OCONUS, at all levels, including HQDA Staff, Army Commands, Army Service Component Commands, Direct Reporting Units and Army installations.
3. Required actions:
 - a. No later than (NLT) 30 days from the date of this memorandum, designate a representative to participate in the IPv6 Stakeholders Working Group (ISWG) led by CIO/G-6. The purpose of the ISWG is to develop NLT 30 September 2011 an Army Plan of Action & Milestones (POA&M) that meets DoD and OMB FY 2012 IPv6 requirements. The ISWG also will serve as a forum for continued planning prior to execution of the milestones identified in the POA&M.
 - b. NLT 30 days from the date of this memorandum, identify to the CIO/G-6 lead by email all unrestricted public-facing web sites under your purview. These web sites must be upgraded to use IPv6 as part of this requirement. Update this information on a quarterly basis, as needed.
 - c. Assist in identifying and conducting test and evaluation (T&E) activities that will support enabling IPv6 on unrestricted public-facing web sites. T&E activities will be specified in the POA&M.
 - d. NLT 30 September 2011, identify all impacted public-facing systems and security devices, appliances and tools (commercial-off-the-shelf and government-off-the-shelf).
 - e. NLT 6 January 2012, upgrade impacted public-facing systems and security devices, appliances and tools, as required, using IPv6-capable products from the DoD Unified Capabilities Approved Products List.
 - f. NLT 29 June 2012, make unrestricted public-facing web, DNS and email services available via IPv6 in Demilitarized Zones (DMZs) or DMZ extensions.
 - g. NLT 29 June 2012, eliminate those unrestricted public-facing web sites that are no longer relevant, useful or needed for access by the general public.