U.S. Department of Commerce

**United States Department of Commerce
Transition to Internet Protocol Version 6 (IPv6) Policy**

May 2021

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1. Background

Issued on November 19th, 2020, Office of Management and Budget (OMB) Memorandum 21-07 (M-21-07) mandates that, beginning with Fiscal Year (FY) 2023, all new Department of Commerce (DOC) information systems must be Internet Protocol Version 6 (IPv6)-enabled prior to deployment. In support and in the spirit of M-21-07, DOC intends to strategically phase out the use of IPv4 for all current DOC systems as soon as it is practically feasible, seeking to ensure that at least 80% of all Internet Protocol (IP)-enabled assets on DOC networks operate in IPv6-only environments by the end of FY 2025.

2. Policy

The Department of Commerce Office of the Chief Information Officer (OCIO) and Office of the Secretary (OS), Chief Information Officer (CIO) will establish a Department of Commerce IPv6 Program Management Office (IPv6 PMO). The IPv6 PMO will coordinate the development and implementation of the IPv6 transition plan and will include all strategies, acquisitions, processes, status, and milestones necessary for transition success. Additionally, the Bureau CIO will designate a representative to the IPv6 PMO to participate in the following activities:

- Provide strategies, processes, status, and milestones for inclusion in the DOC IPv6 implementation plan.
- Collaborate to identify opportunities for bureau IPv6 pilots on operational systems and nominate them to the IPv6 PMO.
- Oversee implementation of the DOC IPv6 implementation plan.
- Work with Operating Unit (OU) CIO to ensure that processes for approving new systems for operation, or upgrading existing systems, include a review of the system's IPv6 readiness to ensure consistency with DOC IPv6 Implementation Plan.
- Work with OU CIO and procurement Office to ensure processes are in place requiring all new Bureau Information Technology (IT) acquisitions to be capable of operating in an IPv6-only environment by the milestones established in the DOC's implementation plan.

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