


Transition to Internet Protocol version 6 (IPv6)

TO: All Staff

FROM: 
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Chief Information Officer

SUBJECT: NCPC Complete Transition to Internet Protocol version 6 (IPv6)

In accordance with Office of Management and Budget (OMB) Memorandum 21-07 (M-21-07), dated November 19, 2020, by Fiscal Year (FY) 2023, all new NCPC information systems must be IPv6-enabled at the time of deployment. It is also the strategic intent of NCPC to phase out the use of IPv4 for all current NCPC systems as soon as practical by meeting the milestones laid out by M-21-07, to include at least 80% of IP-enabled assets on NCPC networks operating in IPv6-only environments by the end of FY 2025.

This memorandum designates Grace Kim as the lead of NCPC's IPv6 Integrated Project Team (IPT) to coordinate these actions. The IPT is responsible for developing and overseeing the overall IPv6 transition plan which shall be inclusive of strategies, acquisitions, processes, status, and milestones. Additionally, system owners shall ensure system documentation details plans for transitioning to IPv6 and that these plans align with the Agency's overall IPv6 Implementation Plan.

In support of this mandate, designated key stakeholders identified within the IPT must:

- Provide strategies, processes, status, and milestones for inclusion in the Agency's overall IPv6 implementation plan;
- Collaborate with agency divisions to identify opportunities for IPv6 pilots on operational systems and nominate them to the IPT;
- Oversee implementation of the Agency's IPv6 implementation plan;
- Work with the Office of Administration 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 the Agency's overall IPv6 Implementation Plan;
- Work with the Office of Administration to ensure processes are in place requiring all new agency acquisitions are capable of operating in an IPv6-only environment by the milestones established in the Agency's implementation plan.

For questions regarding this memorandum, please contact the IT Team at ITGT@ncpc.gov.

References: [OMB Memorandum M-21-07](#)