



Department of Energy

Washington, DC 20585

May 28, 2021

MEMORANDUM FOR DISTRIBUTION

TO: DOE Information Technology Leadership

FROM: ANN DUNKIN
CHIEF INFORMATION OFFICER 

SUBJECT: Department of Energy Complete Transition to Internet Protocol Version 6 (IPv6) Interim Solution

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 Department of Energy Information Systems must be IPv6-enabled at the time of deployment. It is also the strategic intent of Department of Energy (DOE) to phase out the use of IPv4 for all current DOE systems as soon as practical by meeting the milestones laid out to include at least 80% of IP-enabled assets on Department of Energy networks operating in IPv6-only environments.

This memorandum designates Denise Hill, Deputy Chief Information Officer for Enterprise Policy, Portfolio Management and Governance as the lead of Department of Energy's IPv6 Integrated Project Team (IPT) to coordinate these actions. The IPT is responsible for coordinating and overseeing the overall IPv6 transition planning 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 IPv6 stakeholders must:

- Provide strategies, processes, status, and milestones for inclusion in the Agency's overall IPv6 implementation plan;
- Oversee implementation of the Agency's IPv6 implementation plan;
- Collaborate with agency Heads of Departmental Elements (HDE) to identify opportunities for IPv6 pilots on operational systems and nominate them to the IPT;
- Work with the OCIO 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 OCIO and Acquisition officials to ensure processes are in place requiring all new agency acquisitions are capable of operating in an IPv6-only environment by the established milestones.

This memo is an interim solution. The Directive Review Board (DRB) process has kicked off for the official directive. If there are any questions, please contact the IPv6 co-chairs Denise Hill at denise.hill@hq.doe.gov or Pamela Isom at pamela.isom@hq.doe.gov