



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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WASHINGTON, DC 20350-2000

OPNAVINST 5239.2A
N2N6
2 Dec 2016

OPNAV INSTRUCTION 5239.2A

From: Chief of Naval Operations

Subj: NAVY INTERNET PROTOCOL AND DOMAIN NAME SERVICE MANAGEMENT

Ref: (a) DoD Instruction 8410.01 of 4 December 2015
(b) Internet RFC 1032, Domain Administrators Guide, Nov 1987
(c) Internet RFC 1034, Domain Concepts and Facilities, (STD0013), Nov 1987
(d) Internet RFC 1035, Domain Names – Implementation and Specification, (STD0013), Nov 1987
(e) Internet RFC 1591, Domain Name System Structure and Delegation, Mar 1994
(f) Internet RFC 1956, Registration in the “.mil” Domain, Jun 1996

1. Purpose

a. To provide policy for the Navy Internet protocol (IP) and domain name service, and establish procedures for IP and domain name service registration and management within the Navy, per reference (a).

b. This revision removes specific implementation requirements and includes responsibilities for Navy Information Forces (NAVIFOR) and echelon 2 commands. This instruction is a complete revision and should be reviewed in its entirety.

2. Scope. This policy applies to all Navy networks utilizing IP and domain name service.

3. Cancellation. OPNAVINST 5239.2. Incorporates and cancels CNO letter Ser N2N6/4U119055 of 13 May 2014 and CNO letter Ser N2N6BC/4U120894 of 3 Sep 2014.

4. Responsibilities

a. NAVIFOR, under U.S. Fleet Forces Command is designated as the Navy office of primary responsibility for IP and domain name service management. Per references (a) through (f), NAVIFOR must:

(1) Manage IP and domain name service space for the Navy.

(2) Develop a baseline and ensure enterprise governance is uniformly applied to IP and domain name services throughout the Navy.

(3) Consolidate current IP and domain name service management efforts and processes across the Navy enterprise.

(4) Develop and provide strategic governance and process standardization of all IP and domain name services to align with enterprise architecture requirements.

(5) Coordinate with the Office of the Chief of Naval Operations and fleet stakeholders for development and implementation of governance related to IP and domain name service management to ensure operational compliance and programmatic sustainment.

(6) Provide operational planning considerations for IP and domain name service on all Navy networks.

(7) Establish and maintain the Navy Network Information Center User's Guide and the <https://nnic.navy.mil> (common access card enabled) and <https://nnic.navy.smil.mil> Web sites with information to facilitate procedures and policies associated with centralized management and oversight of IP and domain name service. The user's guide and Web sites must include but are not limited to the items listed in subparagraphs 4a(7)(a) through 4a(7)(h):

(a) IP address and domain name services registration procedures;

(b) Navy IP and domain name service administrative point of contact;

(c) Responsibilities of requesting command;

(d) Registration instructions for navy.mil domains;

(e) Registration instructions for navy.mil hosts;

(f) Registration instructions for navy.mil networks;

(g) Other applicable registration instructions, procedures, and authorities; and

(h) Additional information that supports the efficient and effective management of the Navy IP and domain name service.

b. Echelon 2 commands must:

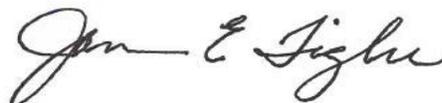
(1) Designate a point of contact for NAVIFOR to coordinate the registration of subordinate command IP addresses. IP address and domain name service registration and request procedures are outlined in the Navy Network Information Center User's Guide, available at <https://nnic.navy.mil>;

(2) Formally register and relinquish control of all local and subordinate command IP address information to NAVIFOR using the procedures outlined in the Navy Network Information Center User's Guide; and

(3) Coordinate lower echelon requirements, requests, and registration of the Navy IP addresses and domain name services.

5. Records Management. Records created as a result of this instruction, regardless of media and format must be managed per Secretary of the Navy (SECNAV) Manual 5210.1 of January 2012.

6. Review and Effective Date. Per OPNAVINST 5215.17A, Deputy Chief of Naval Operations for Information Warfare (CNO N2N6) will review this instruction annually on the anniversary of its effective date to ensure applicability, currency, and consistency with Federal, Department of Defense, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will automatically expire 5 years after effective date unless reissued or canceled prior to the 5-year anniversary date, or an extension has been granted.



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Releasability and Distribution:

This instruction is cleared for public release and is available electronically only via Department of the Navy Issuances Web site, <http://doni.documentservices.dla.mil>