



DEPARTMENT OF THE NAVY
CHIEF INFORMATION OFFICER
1000 NAVY PENTAGON
WASHINGTON DC 20350-1000

29 July 2013

MEMORANDUM FOR DISTRIBUTION

Subj: SERVER, SYSTEM, AND APPLICATION VIRTUALIZATION

To achieve operational cost reductions and improve flexibility in its existing Information Technology (IT) infrastructure, the Department of the Navy (DON) will virtualize all current servers and server-based systems/applications. Through virtualization, multiple operating systems and applications can be run on a single physical server. All new servers and server-based systems/applications that are not already approved for deployment as of the date of this memorandum will be developed to operate in virtualized environments.

To achieve required virtualization, DON Deputy CIO (Navy), DON Deputy CIO (Marine Corps), and DON Assistant for Administration (DON/AA) will submit within 120 days of the date of this memorandum plans for virtualization of all servers and server-based systems/applications by the end of FY17. These plans must include the following:

- Conversion of a minimum of 15 percent of each Budget Submitting Office's (BSO) computing environment per year until 100 percent virtualization is achieved.
- Enterprise virtualization platform standards established by the Navy and Marine Corps Technical Authorities.
- Compliance with published Technical Authority standards.
- A process to provide quarterly progress reports to the DON CIO.
- A process to ensure that all future systems and applications are developed to deploy and operate in a virtualized environment.

Virtualization is one of multiple efficiency efforts that the DON must pursue to achieve cost reductions. While this memo addresses virtualization, it does not preclude any other path to greater efficiencies and savings. The timeline permits a graduated approach to virtualization, which will set the stage and enable more effective execution of parallel efficiency efforts such as system/application rationalization, standardization, and data center consolidation.

Owners of systems/applications who deem their systems/applications incapable of virtualization must submit waiver requests endorsed by DON Deputy CIO (Navy), DON Deputy CIO (Marine Corps), or DON/AA for DON CIO approval by 30 September 2014. No permanent waivers will be granted; waivers will be good for one year and reconsidered during subsequent annual reviews. DON CIO will provide annual virtualization waiver updates to the Vice Chief of Naval Operations and Assistant Commandant of the Marine Corps. Details of the waiver process will be sent via separate correspondence.

Subj: SERVER, SYSTEM, AND APPLICATION VIRTUALIZATION

All system and application owners are responsible for ensuring the following authoritative data sources (ADSs) are updated:

- CADAT (Characterization and Dependency Analysis Tool) is the authoritative data source (ADS) for all server and data center facility information.
- DITPR-DON (DoD IT Portfolio Repository-DON) is the ADS for systems, including system owner and BSO information.
- DADMS (the Department of the Navy Application and Database Management System) is the ADS for applications.

The DON CIO point of contact for this effort is Mr. Randy Darrow, 703-695-1986, randy.darrow@navy.mil.


Terry A. Halvorsen
Department of the Navy
Chief Information Officer

Distribution:

VCNO
ACMC
ASN (RD&A)
ASN (FM&C)
ASN (M&RA)
ASN (EI&E)
GC
DON/AA
DUSN/DCMO
DUSN (PPOI)
DON Deputy CIO (Navy)
DON Deputy CIO (Marine Corps)
NAVIG
JAG
CHINFO
AUDGEN
DASN (C4I/IO/Space)
DASN (Air)
DASN (Ships)
OPNAV (N1/N2/N6/N3/N5/N4/N8/N9)
DC P&R
HQMC C4
PEO EIS

Subj: SERVER, SYSTEM, AND APPLICATION VIRTUALIZATION

Distribution: (continued)

PEO LS

PEO LCS

PEO SHIPS

PEO SUBS

PER ASWASM

PEO U&W

PEO TACAIR

PEO SPACE SYSTEMS

PEO JSF

PEO C4I

PEO IWS

COMUSFLTFORCOM

COMPACFLT

BUPERS

COMNAVAIRSYSCOM

COMFLT CYBERCOM

COMNAVSEASYS COM

COMNAV SUPSYSCOM

COMSPAWARSYSCOM

CNIC

COMNAVRESFORCOM

COMNAVSPECWARCOM

COMNAVFACENCOM

BUMED

DIRSSP

CNR

ONI

FLDSUPPACT

NETC

NAVPGSCOL

NAVWARCOL

COMNAVLEGSVCOM

COMSC

COMNAVSAFECEN

COMNAVDIST

USNA

MARCORSYSCOM

MARFORCYBER