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THIS MONTH IN TECHNOLOGY HISTORY

1995 - The online auction site eBay officially was founded on this day by Pierre Omidyar, but it was known back then as "AuctionWeb". The first auction was for a broken laser pointer. It was sold for \$14.83.

2001 - Mark Cuban and Phillip Garvin launch HDNet, the first High Definition TV signals. It was available both through cable and satellite television. The channel got some news for their exclusive HD coverage of the US invasion of Afghanistan.



THIS MONTH IN BUSINESS HISTORY

2007 - AOL, once the largest ISP in the U.S., officially announces plans to refocus the company as an advertising business and to relocate its corporate headquarters from Dulles, Virginia to New York, New York.

Updated Compliance Requirements

DON CIO Info Alert

IT Expenditure Approval Authorities to be Established

The DON Chief Information Officer has requested that the Navy and Marine Corps designate an Information Technology Expenditure Approval Authority (ITEAA) not later than Aug. 15, 2011. The ITEAAs will ensure that all IT projects undertaken by the Navy and USMC are integral parts of rationalized service portfolios, aligned with DON IT goals and conform to the DON and Department of Defense enterprise architectures.

For details visit:
<http://www.doncio.navy.mil/>

2011 Annual Records Management Refresher

This Naval message states that in addition to the basic records management (RM) training requirement, all DON personnel must be reminded, every year, of their RM responsibilities and that this refresher training is mandatory.

This revised guide provides information necessary for conducting refresher training to fulfill this requirement for 2011.

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=1884>

DON CIO Info Alert

Release of DON Architecture Development Guide v2.0

The DON CIO has published the DON Architecture Development Guide (ADG) version 2.0. The ADG serves as the overarching guidance for developing and maintaining all architecture models within the department. The ADG incorporates DoD Architecture Framework (DoDAF) v2.0 guidance and provides a number of model examples, a list of development tasks, style and format tips, and best practices gathered from Navy and Marine Corps architecture practitioners.

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=2537>

Problem Statement Requirement

All "First-Time" Business System Certification approval requests now require a Problem Statement. The Problem Statement must be submitted along with the normal investment materials. The new requirement is a result of the Business Capability Lifecycle (BCL) policy. Expenditure of FY funds for development or modernization efforts are not authorized unless approved by the IRB. Execution of funds prior to IRB approval is an ADA violation.

DDCIO has provided a Problem Statement template that can be used to satisfy this requirement. The format is not mandatory and could change based on further guidance from OSD.

To download the template, visit:
<https://www.us.army.mil/suite/files/32874502>

Note: you must have an AKO/DKO account

Business Case Analysis (BCA) & Problem Statement Frequently Asked Questions

DDCIO has provided answers to the most Frequently Asked Questions (FAQs) regarding DON-specific problem statement and business case requirements for business and non-business IT programs and initiatives. They also include requirements for programs that are NOT "First-Time" certifications. These FAQs are based on our initial understanding of the requirements and are subject to change pending additional guidance from OSD.

To download the FAQ sheet, visit:
<https://www.us.army.mil/suite/files/32874502>

Note: you must have an AKO/DKO account

What's New?

Website Question Leads to a Strengthened Privacy Process

A question submitted to the "Ask an Expert" section of the Department of the Navy Chief Information Officer website underscores the need to improve business processes that involve the use of a Social Security number. While there are many legitimate requirements for SSN use, efforts must be made to reduce or eliminate reliance on this unique personal identifier. After reading the question and the DON CIO's response, consider if there are practices in your organization where a careful review of SSN use is necessary.

Question:

"Recently, a Department of the Navy employee solicited me via email regarding post Navy career opportunities. I am transitioning from the naval service next month. Without my prior approval or knowledge, the DON employee emailed me a For Official Use Only (FOUO) document containing my full SSN and date of birth to my personal/civilian email account.

I am frustrated by the lack of common sense this shipmate displayed. What if he/she had been one character off in typing my personal email address? What if my info ended up in someone else's inbox that had no need to see my personal information? We're all trained in personally identifiable information (PII), aren't we?

To view more of the question and the response, visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=2510>

Report Your Breaches!

The privacy of an individual is a fundamental right that must be respected and protected. While improved handling and security measures within the DON are noted in recent months, the number of incidents in which loss or compromise of personally identifiable information (PII) occurs remains unacceptably high.

The DON Chief Information Officer Privacy Office evaluates an average of one PII breach report per day in which privacy sensitive information is compromised, lost or stolen. To ensure all DON personnel understand their breach reporting responsibilities, this edition of CHIPS will detail that process rather than publish the recurring "Hold Your Breaches" column.

The Department of Defense (DoD) defines PII as information about an individual that identifies, links, relates, or is unique to, or describes him or her (e.g., a Social Security number; age; military rank; civilian grade; marital status; race; salary; home phone numbers; and other demographic, biometric, personnel, medical and financial information, including any other personal information that is linked or linkable to a specific individual).

The DON CIO Privacy Office evaluates an average of one PII breach report per day in which privacy sensitive information is compromised, lost or stolen.

For details visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=2511>

News from the DON Mobility Program

This is a very active year in the area of enterprise mobility. In the commercial marketplace, dozens of new devices, the vast majority of which are tablets, were released, or announced for imminent release, as manufacturers race to meet growing consumer demand for greater mobile performance and functionality.

The Department of Defense mobile user community is no exception and expresses great interest in deploying tablets and smart phones more broadly to support the DoD mission from the executive suite — to the tactical arena. Within the Department of the Navy there are numerous requests for these devices to support senior executives, hangar deck operations, tactical deployments, and more.

This article provides a number of updates on DoD and DON developments for enhancing mobility, summarize efforts, and look at potential future capabilities.

For details visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=2516>

Information Technology Areas of Interest

Architecture

The BUPERS Enterprise Architecture (BUPERS EA) Reference Book provides an authoritative source for identifying the links between the BUPERS EA and other architectures such as the Business Enterprise Architecture (BEA), Department of Defense Human Resources Management enterprise architecture (DoD HRM), Department of the Navy Enterprise Architecture (DON EA), and Federal Enterprise Architecture (FEA). In addition, it shows the relationships between BUPERS IT systems and the elements of the BUPERS 2020 Vision that they support.

To view the BUPERS EA Reference Book, visit:

<https://www.us.army.mil/suite/doc/26310730>

Data Management

Impacts of Poor Data Quality

Poor data quality can have the following impacts to an enterprise:

- increased operating costs
- decreased trust and confidence
- inconsistent reporting
- ineffective decision making
- Inefficient system integration, data migration and interoperability
- regulatory and privacy violations

Therefore, data must be managed as an enterprise asset since high quality data:

- enables effective decision making
- increases business performance
- improves information confidence

Portfolio Management

Software as a Service (SaaS) has become a hot topic over the past few years. As a result of this heightened interest, the Department of Defense Enterprise Software Initiative (DoD ESI) developed the SaaS Toolkit to provide independent and unbiased educational materials for the DoD information technology acquisition and management community. The toolkit is available at www.esi.mil and provides access to decision-analysis tools and contract-related forms to streamline the process of understanding, evaluating and acquiring SaaS offerings throughout the DoD. This article captures some of the key educational content from the toolkit and explains the key differences between perpetual licensing and the SaaS model.

For details visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=1747>

Information Assurance

The 1820/6420/7420 designators were identified as the officer component of the Navy core Information Assurance Work Force (IAWF). There are several instructions and directives that delineate the IAWF; DOD 8570.01M, SECNAVINST 5239.2, OPNAVINST 5239.1 and NAVCYBERINST 5239.1. These publications call for the professionalization of the IAWF. The IAWF is that group of people charged with the information assurance/cyber security of the Navy networks and information systems as well as the information carried there on. IP officers typically serve in positions charged with the management of those networks and the formulation of IA plans and policy. As such the Navy has determined that all IP Officers shall qualify as Information Assurance Managers (IAM) at level II IAW DOD 8570.01M Chapter 4.

What does this mean to RL/LDO/CWO IP officers ?

1. You need to take and pass the certification exam for either the CISSP or GSLC certifications. CISM or CAP certification also satisfy the IA certification requirement of DOD 8570.01M. However training for those certifications has not been procured by Navy nor is it envisioned that it will be. O5 and above that have completed IP Intermediate or Advanced Qualification are waived from this requirement only if not serving in an IA position, e.g. CISO, Staff N6, CIO, Developmental DAA.

2. You must complete IA PQS for IAM. (NAVEDTRA 43469)

3. Complete training for ITIL V3 certification (not required to take certification exam, only complete the training). Training for the above IA certifications and the ITIL V3 certification is available online at <https://navyiacertprep.skillport.com> initially register as an IP officer, a training plan for CISSP and ITIL V3 will be provided for you with links to all the required courses for those certifications. Additionally training for the CISSP is available at www.vte.cert.org <http://www.vte.cert.org/> and via DL or in residence at the Naval Postgraduate School. NAVCYBERFOR is also offering CISSP and GSLC classes in various Fleet concentration areas, see upcoming class schedule at <https://www.portal.navy.mil/cyberfor/IAWF/default.aspx>

Under no circumstance should you pay for one of these exams out of your own pocket. When you are ready to take your certification exam, apply for an exam voucher at www.cool.navy.mil <http://www.cool.navy.mil/>.

When does this have to be accomplished? For all officers currently serving in IA positions (COMMO, ADP Officer, Command ISSM or IAM, CISO, Staff N6 CIO), you have six months from the date of assignment to complete the requirements.

For all other 1820/6420/7420 O4 and below officers, certification and PQS must be completed no later than 31 MAR 2012.

National Preparedness Month Begins

September is National Preparedness Month, a month-long awareness and activism campaign to improve the nation's emergency preparedness. In recognition of the 10th anniversary of the Sept. 11th attacks, this year's theme is "A Time to Remember. A Time to Prepare." Although Sept. 11th is a prominent part of National Preparedness Month 2011, it is important to stress that preparedness is important for all hazards, whether natural or man-made.

What better way for the Department of the Navy to observe National Preparedness Month than for each command to exercise its Continuity of Operations (COOP) plan. So, if a disruptive event occurs, the DON can protect its defense critical infrastructure and maintain its mission essential functions. Exercising a COOP plan does not have to be disruptive. If there is not enough time to exercise the plan fully, it can be done as a tabletop exercise.

To perform a tabletop exercise, hold a meeting with the major participants and walk through a preplanned disruptive event. Major participants should step through their actions. They should state the actions they and their personnel would take. This should be done at a select increment of time, such as the first 15, 30 or 45 minutes. Each person then responds during the allotted time before proceeding. At the beginning of each time interval, the person running the exercise should provide an update on how the event is unfolding, as well as answer requests for additional information. The exercise ends with a discussion of lessons

learned and recommended changes to the COOP. Each participant may then go through the same exercise with his or her personnel to ensure that everyone knows what to do. Performing this tabletop exercise is an excellent way to meet the requirement of SECNAVINST 3030.4C: "Department of the Navy Continuity of Operations Program," to review plans annually.

If the COOP plan calls for using an alternate site, exercise it by having only one function move to the alternate site and work there for at least two working days. One person periodically going to the alternate work site, turning on a computer and checking that the account comes up properly is not an adequate test of a COOP plan. A representative group of personnel doing their work for two days is a minimum. During that time, most aspects of the job would be exercised including such personal aspects as traveling to, and billeting and eating at the alternate site.

COOP plans are complex because while the sustained operations probably will be reduced, the broad range of all of the command's activities and all the internal and external interactions must be performed. Remember, if the COOP plan is not regularly exercised, it will not work when it is needed.

EYE ON IT

8 Tablets That Can Do the Job!

Government workers are bombarded with the same tablet PC commercials everyone sees, touting features and buzzwords like "faster," "more powerful," "4G" etc. But what works best on the job?

Read the article here:

<http://gcn.com/Articles/2011/07/01/8-tablets-and-5-criteria-for-government.aspx?Page=1>



DATA SPOTLIGHT

Dimensions of Data Quality

According to the Data Management Association, Data Management Body of Knowledge, the 11 dimensions (components) of data quality are:

Accuracy

Correct and valid data values

Completeness

Certain attributes/rows are present

Consistency

Reliable and same across applications

Currency

Up-to-date

Precision

Level of detail

Privacy

Limits of usage or access

Reasonableness

Range of acceptability

Referential Integrity

Relationships remain consistent

Timeliness

Availability and accessibility of data

Uniqueness

Entity exists only once

Validity

Conformance to expectations

For more information on dimensions of data quality follow this link to the MPTE enterprise version of the DAMA DMBOK located on the Enterprise Information Management portal on DKO:

<https://www.us.army.mil/suite/files/23278192>

EXTRA BYTES

Here's Looking at You: Iris Recognition on the Move

Technologists say the fundamental process of using standoff iris scanners and advanced computer processing to identify individuals moving in crowds is within reach.

Read the article here:

<http://www.nationaldefensemagazine.org/archive/2011/September/Pages/Here%E2%80%99sLookingAtYourIrisRecognitionontheMove.aspx>



A Digital 9/11 Might Be Underway Already

The impact of the 2001 terrorist attacks has been nearly universal, affecting everything from individual lives to global politics, in ways that will be recounted, examined and analyzed everywhere as we approach the 10th anniversary of the attacks.

In terms of IT, it can be summed up in three words: security, security, security.

Read the article here:

<http://gcn.com/articles/2011/09/05/editorial-sept-11-it-security.aspx>

Microsoft Home Use Program Frequently Asked Questions

Following the announcement of the Department of the Navy's Home Use Program for Microsoft applications, the DON CIO has received many questions concerning the use of this program. Below is a list of the most commonly asked questions and their answers.

1. What is the Microsoft Home Use Program?

The Department of the Navy, through its contract with Hewlett Packard (HP) for the Navy Marine Corps Intranet (NMCI), is entitled to Microsoft's Home Use Program (HUP) as a volume license owner with Microsoft. The HUP allows government civilian and uniformed personnel presently on NMCI, to obtain a licensed copy of Microsoft Office, Project or Visio desktop applications to install and use on a home computer if these products are also installed on their NMCI computer. Contractors are ineligible to participate.

Participants must have a valid NMCI email address in order to participate; e.g., John.Doe@navy.mil, Jane.Doe@usmc.mil, or Jack.Doe@pacom.mil.

2. I work in a command where we have a mix of U.S. military, U.S. civilian and NATO allies who all have NMCI desktops and email addresses in the proper format. Who in my office is eligible to use the DON's HUP?

Although some components have foreign and/or non-DON military and civilians co-located within their commands who have valid NMCI accounts, only U.S. civilians and U.S. military with a current valid NMCI desktop/laptop user account are eligible to participate.

3. I am stationed OCONUS, have an NMCI desktop, log onto the NMCI network, but my NMCI email address is in the format of "John.Doe@XX.navy.mil." I tried to access the HUP and was rejected. Can I participate?

No. At this time the Microsoft registration process for the Navy's HUP only recognizes NMCI email accounts in the following form: John.Doe@navy.mil, Jane.Doe@usmc.mil, or Jack.Doe@pacom.mil

4. My desktop computer was not provided by the NMCI contractor, but I am on the Navy's NMCI network. Am I eligible to participate in the DON's HUP?

No. The HUP license is an extension of the NMCI contractor's license with Microsoft. If the user has a non-NMCI computer or a legacy computer, even though they have connectivity to the NMCI network, they cannot participate in the HUP. Home use or secondary usage rights for their Microsoft products, is contained in their non-NMCI license agreement with Microsoft.

To view more FAQs visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=849>

Bi-Monthly IT Tips

Mastering the Spell Checker in Microsoft Word

Many users become frustrated by Word's proofing tools, especially the spelling checker. It doesn't recognize words they know are right, or it insists on recognizing U.S. spellings when they want U.K. spellings, or they want Word to ignore certain kinds of text that aren't really words at all. Help is here!

<http://sbarnhill.mvps.org/WordFAQs/MasterSpellCheck.htm>

Snag-It: All in One Captures Everything

It's a lot easier to capture regions, windows, and even long pages with All-in-One capture feature in Snag-It.

<http://www.techsmith.com/learn/snagit/10/video/all-in-one/?requestsource=productredirect&redirlang=enu&redirproduct=snagit&river=10.0.0>