Langley Research Center

Directives Management

Transmittal Sheet

Material Transmitted

Superseded

LAPD 2810.2 / Minimum Information Technology Security Requirements for LARCNET

Summary

Cancelled by LAPD 2810.1, "Security of Information Technology."

Reason

Cancelled by LAPD 2810.1, "Security of Information Technology."

Langley Research Center
DIRECTIVES MANAGEMENT
TRANSMITTAL SHEET

LAPD 2810.1

April 11, 2005

MATERIAL TRANSMITTED

LAPD 2810.1, "Security of Information Technology."

RECISION

(a) LAPD 2810.1, “Appropriate Use of NASA Langley Research Center Information Technology Resources,” dated July 23, 2004

(b) LAPD 2810.2, “Minimum Information Technology Security Requirements for LaRCNET,” dated July 23, 2004.

SUMMARY

The fundamental change is to combine LAPD 2810.1, “Appropriate Use of NASA Langley Research Center Information Technology Resources” and LAPD 2810.2, “Minimum Information Technology Security Requirements for LaRCNET.” This change is needed, because the distinction between inappropriate use and a violation of IT security policy is not always clear cut. Additionally, the requirements for establishing and using the NASA PKI are formalized.

Most of the wording changes are intended to clarify points or provide examples to ensure that employees understand, for example, what constitutes network infrastructure equipment and that using wireless access points is actually provisioning of network services. References to applicable LMS center procedures were also added for the first time. Other additions to the LAPD:

Inclusion of

- Warning that violations of the LAPD may require a return-to-service fee charged back to the organization of the offender
- Warning that use of the NASA Internet address is a representation of the Agency analogous to the use of NASA letterhead
- Warning not to engage in specific prohibited activities
- Prohibition on lobbying Congress
- Requirement to comply with export control laws for e-mail and file transfers

- Requirement for a NASA-certified system administrator, responsible for the security of every computer
- Requirement that every system be assigned to an IT system security plan
- Requirement of the installation of software packages required by Agency or Center CIO unless a written waiver request has been approved
- Requirement for desktop computers to be in compliance with NASA STD 2804
- Requirement for encryption of administratively controlled information
- Requirement for CIO approval of the establishment and maintenance of a Microsoft Windows domain
- Prohibition of the download, installation or execution of peer-to-peer file sharing software to share illicit or pirated works
- Prohibition on the download of copyrighted material
- Prohibition (without explicit written permission of the ITSM) of using non-routable IP addresses
- Prohibition (without explicit written permission of the ITSM) of using a single IP address for multiple computers
- Prohibition against connecting network communications devices to LaRCNET, except by Network and Computer Services Branch personnel
- Prohibition against granting computer accounts to foreign nationals without the approval of both the chief of Security and the CIO
- Requirement to comply with the prescribing documentation for the operation of the PKI registration authority
- Requirement to protect PKI private keys

New or clarified responsibilities have also been assigned (Note that duties for the PKI registration authority aren’t really new, just newly officially documented.).