

DOE - Information Security Server (DOE-IS)

**Presented at the
19th DOE Computer Security Training Conference
4/28/97 to 5/1/97
Houston, TX**

by

**William J. Orvis
Lawrence Livermore National Laboratory
P.O. Box 808, L-303, Livermore, CA 94551
(510) 422-8649 or orvis@llnl.gov
UCRL-MI-123879 Rev. 1**

Work performed under the auspices of the U.S. Department of Energy by Lawrence
Livermore National Laboratory under Contract W-7405-Eng-48

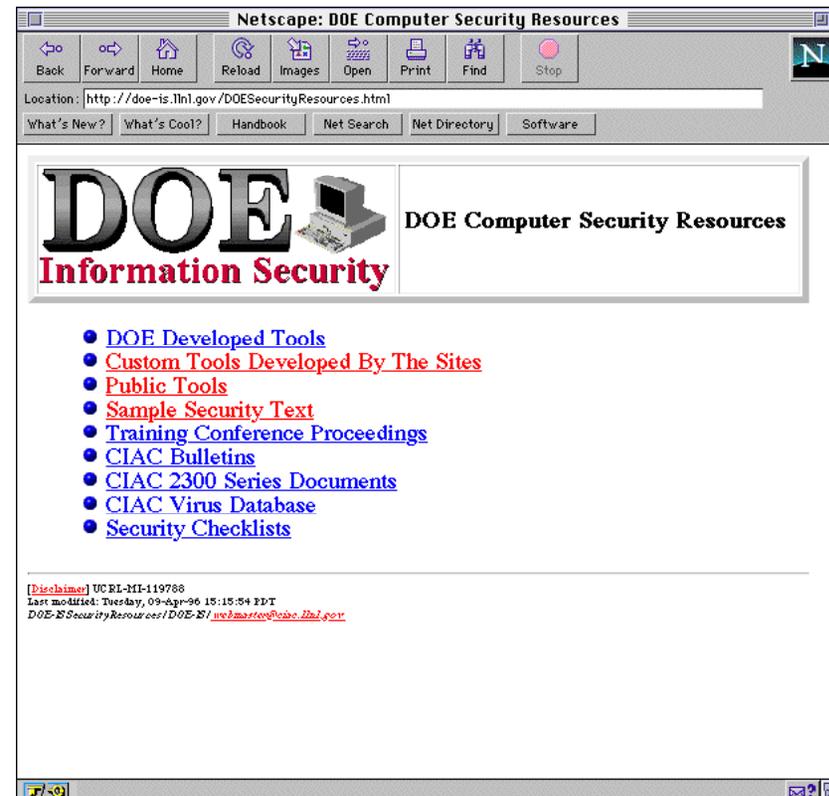


What is the DOE-IS Server?

- ❖ **Most sites within the Department of Energy and its contractors use or develop tools and documents relevant to information security.**
- ❖ **The DOE-IS Server is a central location for users within the DOE to obtain information security tools and documents.**
- ❖ **The DOE-IS Server is a central location for tool and document developers within the DOE to make their tools available to a wider audience.**
- ❖ **The DOE-IS Server is accessible over the Internet using WWW and FTP.**

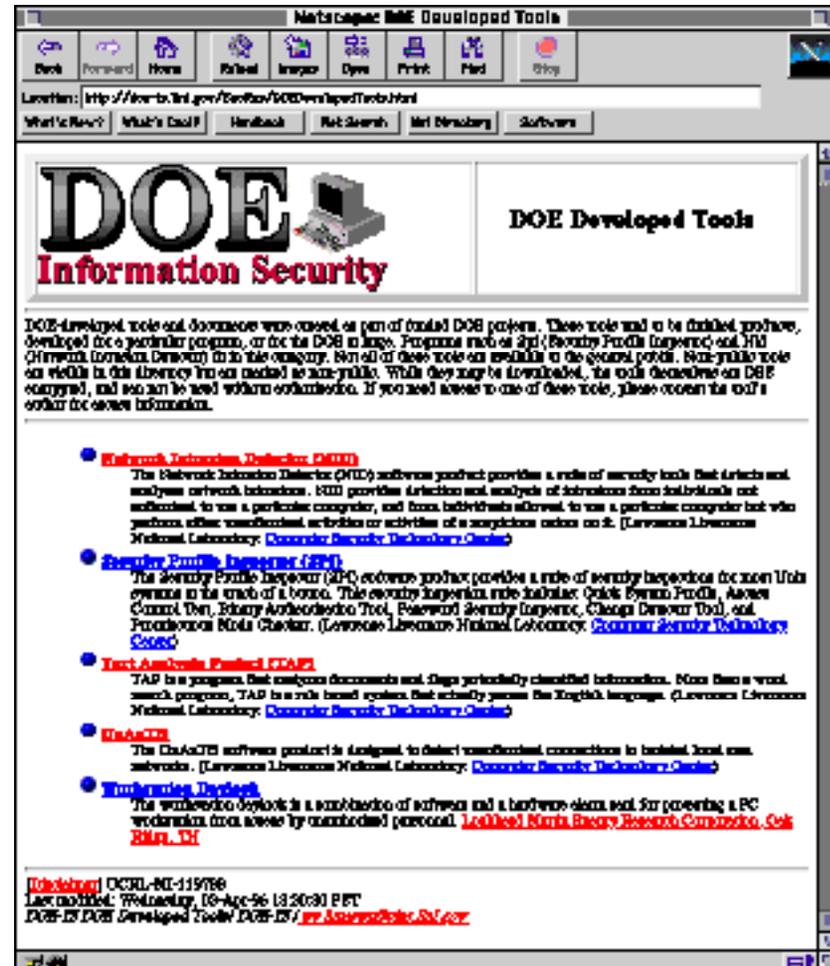
“Free” Advertising is Available For Information Security Resources

- ❖ Any tools or documents related to information security are candidates for inclusion.
- ❖ It is a place for DOE contractors to “advertise” the availability of new tools and documents.



Three Classes of Security Resources Are Available On The Server

1. DOE Developed Tools - Developed under a contract.
2. Custom Tools - Developed as part of operations.
3. Public Tools - Available over the public networks.





DOE Draft Manuals And Notices Are Available

- ❖ **Draft Manual for the Classified Information Systems Security Program** *New*
- ❖ **1996 DOE Information Security Conference Proceedings**
- ❖ **1997 DOE Information Security Conference Program**
- ❖ **1997 DOE Information Security Conference Proceedings (as soon as you send them to me).**
- ❖ **DOE Awards a contract for a DOS/Windows Antivirus Product**



Repository For This Year's Conference Proceedings

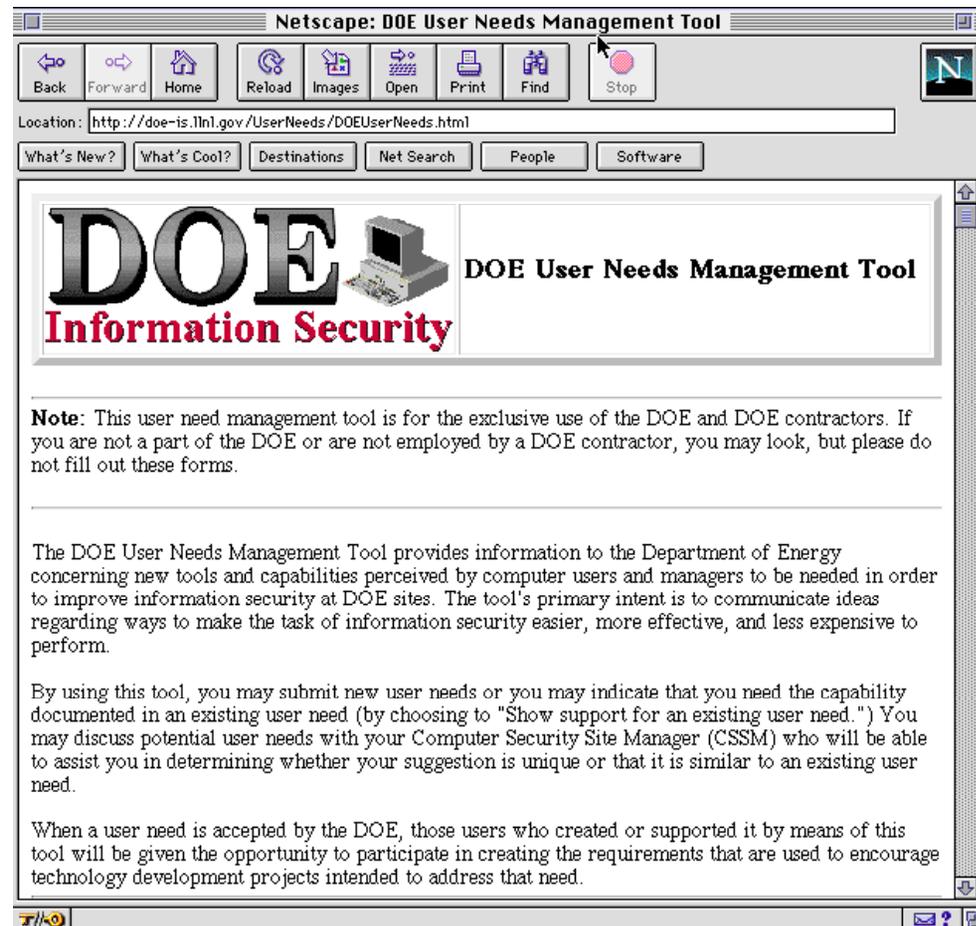
- ❖ **Send your slides or conference papers to Bill Orvis (see cover slide).**
- ❖ **Papers and slides must be released by your organization. Show the release info on the first page.**
- ❖ **I prefer electronic format documents. Send paper only as a last resort.**
- ❖ **I prefer Adobe Acrobat files (.adb) but I can convert most documents to that format if you do not have that capability.**

The DOE User Needs Management Tool Is Available

New

Use This Tool!!!

- ❖ **The User Needs Management Tool is a convenient, web based application for telling DOE what you need to do your job.**
- ❖ **Any and all good ideas are welcome.**





Using The User Needs Management Tool Is Simple

- ❖ **First, check the list of existing user needs to see if someone else has already listed what you need.**
- ❖ **If your need is already listed, click the “Show Support For An Existing User Need” link to support the listed need.**
- ❖ **If your need is not listed, click the “Identify A New User Need” link to input a new one.**

Creating A New User Need Is Fast And Simple

- ❖ Access “Identify A New User Need” from the DOE-IS home page.
- ❖ First give some contact information and name the User Need.
- ❖ Second, describe what you need. Needs can be tools, papers, directions, whatever would make your work easier, safer, less costly and more secure. *Send only unclassified user needs using this form.*

Suggest a title for the user need.

User Need Title:

Contact Information

How do we contact you?

First Name:

Last Name:

Title:

Phone:

E-Mail address:

Who do you work for?

Organization:

User Need Description

Describe the user need or problem indicating how a development in this area improves the safeguards and security mission of the DOE. Indicate who needs this capability and how they will use it. Describe how you believe the need could be addressed. The description should clearly indicate why an improvement is needed in this area in order to support the DOE Safeguards and Security mission.

Description:

Tell DOE How This Will Help

- ❖ **Current Capability**
- ❖ **Required Capability**
- ❖ **Benefit**

Current Capability:

Required Capability:

Benefit:

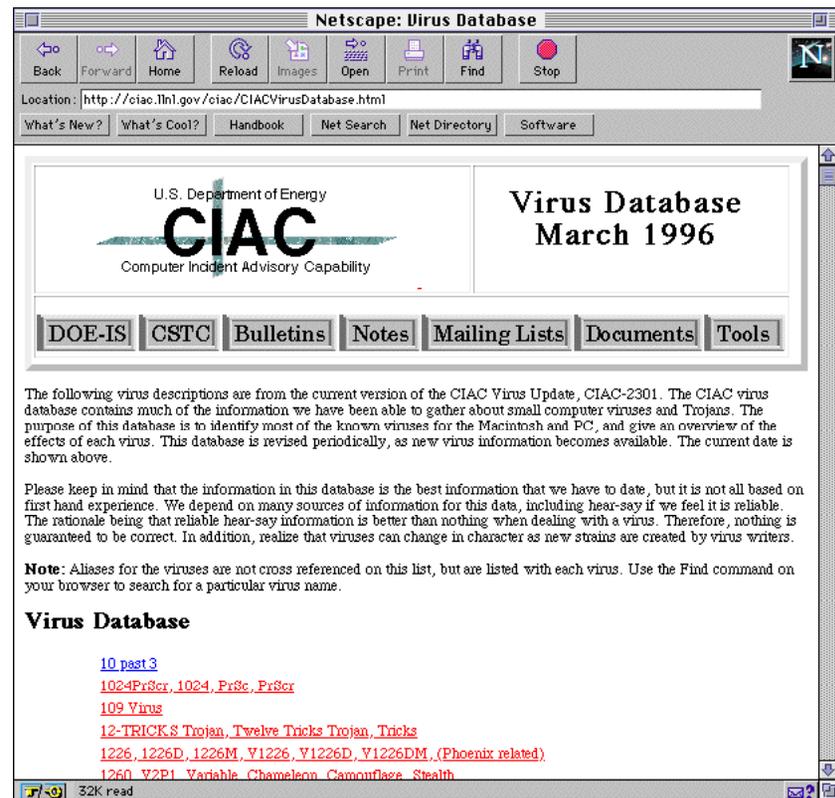
Send

- ❖ **Click the Send button to send the information to DOE.**

That's All It Takes

There Is Full Access To The CIAC Virus Database

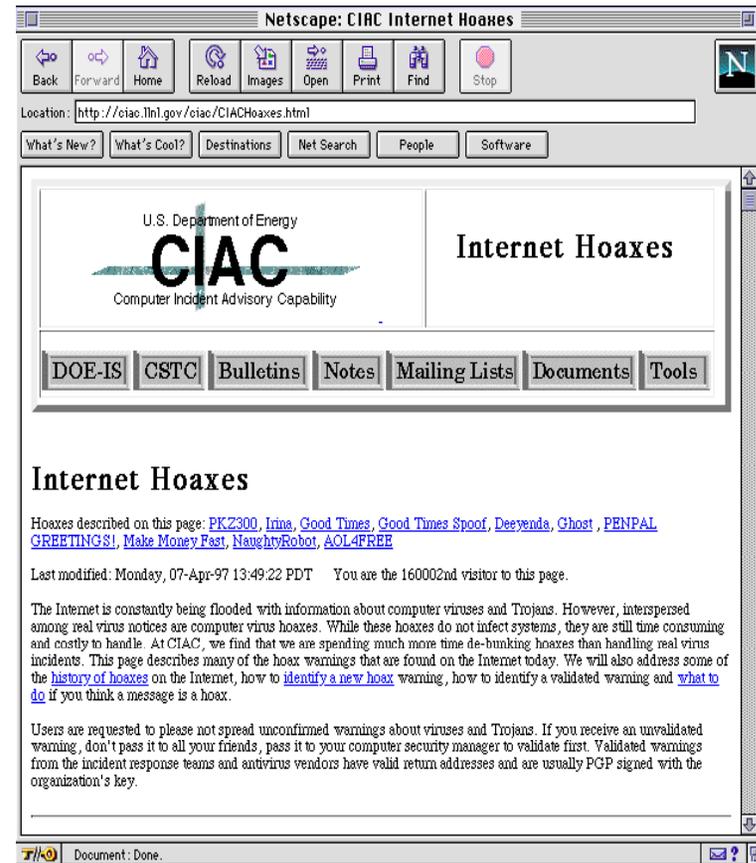
- ❖ **The CIAC virus database is now available online to provide point and click access to virus information.**



Direct Access To The CIAC Hoaxes Page

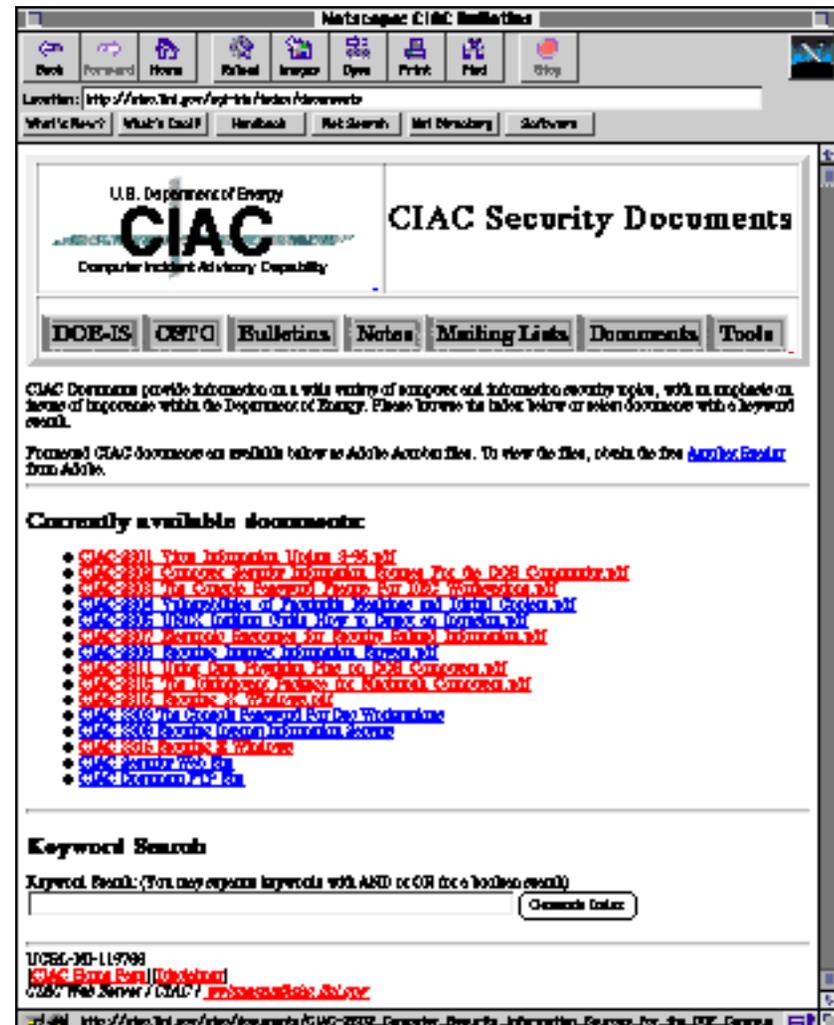
New

- ❖ The CIAC Hoaxes page is one of the most popular pages on the web, having gotten over 200,000 hits since it was installed in January of this year.
- ❖ This page saves security officers and the CIAC team a significant amount of time by reducing the number of calls concerning hoax messages.



ALL CIAC 2300 Series Documents Are Available Online

- ❖ The fully formatted documents are available as Adobe Acrobat files.
- ❖ The Acrobat Reader is available for Mac, MS-DOS, Windows, and UNIX platforms at no charge.



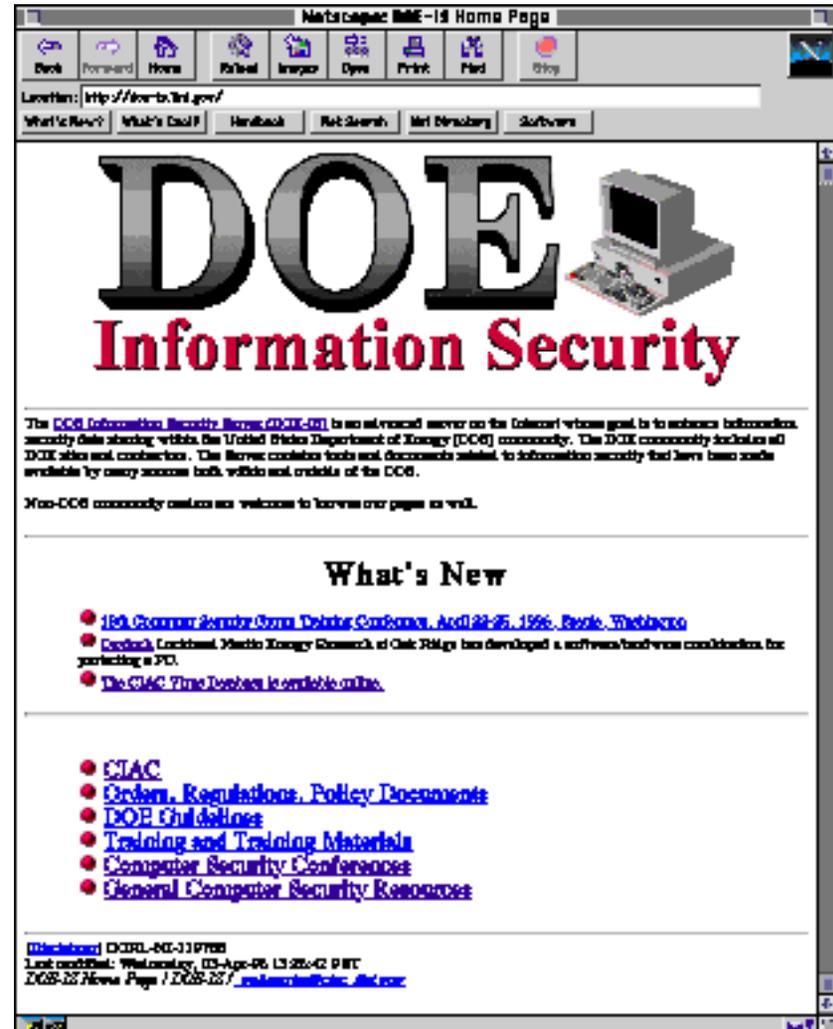


CIAC 2301 Virus Information Update Is Available

- ❖ **CIAC 2301 is updated about every 6 months.**
- ❖ **The current version (3/97) contains over 1000 virus descriptions.**
- ❖ **A printed version is available at this conference.**
- ❖ **An Adobe Acrobat version is available at the CIAC web site for downloading and printing.**

The Preferred Access Method Is World Wide Web

- ❖ Read only access at the URL: <http://doe-is.llnl.gov>
- ❖ Write access is with SSH only.
- ❖ Pages may be open or password protected.
- ❖ FTP access is available at: ciac.llnl.gov





DOE-IS Server Status

- ❖ **The server has been online since September 1995.**
- ❖ **DOE sites are being contacted and asked to supply new tools and documents.**
- ❖ **All services for cooperative projects are available.**
- ❖ **The protected server is being installed.**

**Check often for more good stuff at:
<http://doe-is.llnl.gov>**