

# E . U . A

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November 15th, 1998

The newbie's guide to the arts of Hacking, Phreaking, Cypher- & Cryptopunking, w3-surfing, bad-assed type of mag that give people the "inside information." Are you interested? Do you want to know more? The Electronic Underground Affiliations sole purpose is to provide current information about network security, Internet news, information about the local scene and how you fit into it all.

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*"The reason 'hackers' seek out new knowledge is not for personal profit, but for general knowledge."*

## I nside this Edition...

**N**etscape Security **F**law:  
**T**he **I**njection **B**ug

**M**itnick **U**date

**F**ather of the **I**nternet **D**ies  
at **A**ge 55

**U**N **D**eR **S**uSP*C*ioN

**N**orth **C**arolina **C**omputer  
**L**aw's

**L**inux, a threat to  
**W**indows **N**T?

## Netscape Security Flaw: The Injection Bug

Netscape has recently been alerted to a privacy vulnerability that affects the Netscape Navigator browser. The Injection bug affects Navigator 3.x and Netscape Communicator 4.0 to 4.07 as well as the two prerelease beta versions of Communicator 4.5 for all platforms. The bug has been fixed in the final released version of Communicator 4.5, which is available for download.

Although Netscape has verified this bug, no customer incidents of lost or stolen data have been reported to Netscape. Netscape takes all potential security and privacy issues seriously, and is currently investigating a fix for Communicator 4.07. An update will be posted on the Netscape web site soon. Under ordinary circumstances, users browsing on known, trusted sites are not at risk. However, if a user visits an unknown or untrusted site, a hacker operating through that site could determine other web sites visited by the user. A malicious hacker/site operator could also see cookie information as well as directory names and filenames by writing a special program. To obtain file information, the hacker may also have to accurately guess specific information about the user's system. The bug does not allow a malicious hacker/site operator to retrieve or erase files from the user's hard disk. Since the bug relies on JavaScript to reveal your information, you can avoid it by turning off JavaScript when browsing unknown, untrusted sites. To do this, take the following steps:

In Communicator, select Preferences from the Edit menu. In the Preferences dialog box, choose the Advanced category. Disable the Enable JavaScript feature. Click OK.

There's a storm brewing on the Internet  
Are you ready for it?

## E.U.A. Submissions

**Format:** plain ascii text/PGP-encrypted Articles, letters, submissions must be submitted prior to the 15th of each month .  
E-mail to archive\_@hotmail.com

*"Aut Hack Vincere Aut Mori"*

## Mitnick Update

**(2600 Press)** Why is the US Government exaggerating allegations of monetary loss in Kevin Mitnick's case? Kevin Mitnick has been imprisoned by the U.S. Government without a trial for: Compare Kevin's pretrial imprisonment "sentence" to sentences served by convicted criminals. Defendants accused by the US Government of running organized crime are granted bail... *Why can't Kevin Mitnick even get a bail hearing?* On August 24th, 1998, Supreme Court Justice Sandra Day O'Connor denied Kevin Mitnick's emergency application for bail pending trial. For over 3 and a half years, Mr. Mitnick has been illegally imprisoned without ever being afforded his Constitutional right to a bail hearing. When Kevin was initially arrested on February 15, 1995, government prosecutors ensured that Mr. Mitnick was housed in solitary confinement, which is usually reserved for inmates who violate serious prison rules. Several days later, government prosecutors agreed with Mr. Mitnick's lawyer to release him into the jail's general population. But there was a catch: Kevin Mitnick would have to agree, among other things, to "waive" his right to a bail hearing in the North Carolina case. On Sept 26th, 1996, a twenty-five (25) count indictment was filed in the Central District of California. On June 27th, 1997, Kevin Mitnick was sentenced to eight months for possessing fifteen or more cellular mobile identification numbers when he was arrested in Raleigh, North Carolina, and to a term of fourteen (14) months for violating the terms of his supervised release imposed in an earlier case. Judge Pfaelzer ordered the sentences to run consecutively for a total of twenty-two (22) months' imprisonment. Mr. Mitnick completed his 22 month sentence on September 19th, 1996; that sentence was reduced 54 days each year for good behavior. On March 30th 1998, Judge Pfaelzer refused to conduct a detention hearing and summarily held Mr. Mitnick without bail, absent any findings of fact or conclusions of law. Judge Pfaelzer essentially told prosecutors in open Court that they had no obligation to present any evidence or meet their burden of proof that Mr. Mitnick is either a serious flight risk or a danger to the community. However, Federal law requires that prosecutors prove there are no conditions of release that would reasonably assure Kevin's presence at trial. This very issue was raised by Mitnick's lawyers before the Ninth Circuit Court of Appeals and the United States Supreme Court: notwithstanding the undisputed fact that Mr. Mitnick failed to surrender on a warrant for allegedly violating the terms of the supervised release, the defense claims there do exist conditions of

**Mitnick Update (page 2):** pre-trial release that would reasonably assure Kevin's presence at trial. Although Mr. Mitnick is presumably innocent, his fundamental Constitutional rights were disregarded by the Federal Courts. Here, a man "presumed innocent" has suffered prolonged punishment without the benefit of either a bail hearing or a trial. Such egregious violations of the fundamental rights of the accused are repugnant to the notion that an individual is presumed innocent until proven guilty. The prolonged deprivation of Mr. Mitnick's liberty without any due process of law leads one to think all Americans are living in a country governed by tyranny. How can Kevin Mitnick's case affect you? It is quite simple: Federal law enforcement can arrest you and jail you indefinitely without a bail hearing or a trial. It's ironic that the United States Government complains of human rights violations in countries such as China, when they don't even respect the fundamental rights of their own citizens. Welcome to the New America!

*This article was reprinted from the 2600 Website Thanks Man!*

## EUA is now on XNET.ORG IRC

For those of you who wanted it, now you've got it. The Electronic Underground Affiliation is now on IRC xnet.org at #EUA. Normally we'll be online around 8-10 EST throughout the week. Look for various members of the EUA all through the week, hanging out and chatting. Exchange information and ideas with your fellow hacker's and phreaks and help those just learning. Want a number to a local h/p board? Want to become involved in dark arts of hacking and learn about old school ethics? Then you've found a home. Drop right on it and say "plik!"

L8R Archive

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With that, the lawyers & judges should be happy.

Archive\_@hotmail.com

## Freedom of Privacy !!!

Remember privacy is a right! Don't allow your privacy to be taken, make it a part of your everyday life. E.U.A. staff endorses the use of PGP. If you need help with encryption or cryptography feel free to contact us for help. The use of encryption in today's "online" society ensures that your information being passed through the many switches, networks and hubs is secure against theft, tampering, and most of all ensures your privacy of what you are discussing. If you want to remain free use public key encryption and support cryptography!

Looking for *new* hardware?  
Have equipment that you would *trade*?  
Looking for a "*hard to get*" piece of gear  
Check out the Hardware Exchange Base  
available on the Information Attic  
910.347.2582  
"*You'd be surprised as to what we can  
get.*"  
LET US BE YOUR HARDWARE  
BROKER

**Looking for a Mentor?**  
**Are you looking for a mentor and a  
teacher in the dark arts of hacking and  
phreaking? Want to learn all you can  
about how computer and telephone net-  
works really work? Well join us on  
irc.xnet.org in #ASHE or #EUA and  
join in. Old School Style or hit our web  
sites at:**  
**Electronic Underground Affiliation Sites**  
**members.xoom.com/archive\_/**  
**www.cryogen.com/ASHE**

# Electronic Underground Affiliation

## Father of the Internet Dies @ 55

**Passing of a giant** By James Glave

*SAN FRANCISCO (Wired)* - Tributes and eulogies poured over the Net this weekend as friends and colleagues mourned the passing of Jon Postel, the "father of the Internet." He died late Friday at age 55, from complications following cardiac surgery. Postel was the director of the Internet Assigned Numbers Authority, the non-profit body that allocates IP addresses. He was also a founding member of the Internet Architecture Board, a trustee of the Internet Society and the caretaker of the .US domain. "He was one of the foundations of why the Internet exists, the underlying infrastructure is a tribute to a bunch of selfless people," said Brewster Kahle, founder of the Internet Archive Project and inventor of the WAIS Internet searching scheme. "Everyone else was getting rich and these guys were trying to keep the infrastructure together," Kahle said. Postel survived a heart valve replacement in 1991, but recently that valve had begun leaking. He died suddenly while recovering from surgery to replace it. In recent months, Postel had been at the center of a whirl of controversy surrounding the formation of a new Internet government. On Oct. 2, Postel submitted his final proposal for the Internet Corporation for Assigned Names and Numbers to the Clinton administration. That new non-profit group is expected to assume Postel's former role as the guardian of the Internet's underlying infrastructure. Vint Cerf-co-author of the Internet Protocol, chairman of the Internet Society and a colleague and friend of Postel-posted a moving tribute to Postel to mailing lists. In the tribute, **Father of Internet Dead @ 55 (from page 4)** Cerf pledged to establish the Jonathan B. Postel Service Award, posthumously declaring Postel its first recipient. Members of the networking and domain name community reacted to the news of Postel's death with shock and sorrow. "Humanity lost a defender today," wrote Paul Vixie, a consultant, engineer and creator of the Berkeley Internet Name Domain, in an email. "Against the squalid backdrop of human nature one man tested his mettle against the forces of chaos and entropy,

## H/P BBS Review

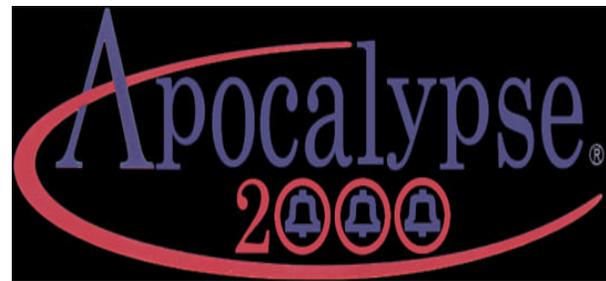
Apoc2k

847 831 0484

The Apocalypse 2000 Hack board out of the Chicagoland area. This bbs is one of the last safe haven's for intelligent h/p centered conversations. Great info base and a wonderful community.

*Do you know of a BBS that you want to add into the next issue?*

E-mail me and let me know!!!



**uNDeR SuSPCioN**

By \*BRaiN KaNDy\*

(Brainkandy@mindspring.com)

The following is a excerpt from a message regarding a school aged hacker and the misconception of "the Hacker."

At my school, since I am somewhat computer genius and know more than others in the field of computers, and have so much info about the school, I am seen in the wrong light. They figure I am smart, have a laptop that I bring daily and have knowledge of their computers, i am automatically marked "HACKER!!!!". My friend

**The North Carolina Computer Crimes Law**

**General Statutes of North Carolina, Section 14-453, adopted 1979**

**SECTION 14-453 Definitions**

As used in this section, unless the context clearly requires otherwise, the following terms have the meanings specified:

(1) "Access" means to approach, instruct, communicate with, cause input, cause output, or otherwise make use of any of the resources of a computer, computer system or computer network.

(2) "Computer" means an internally programmed, automatic device that performs data processing.

(3) "Computer network" means the interconnection of communication systems with a computer through remote terminals, or a complex consisting of two or more interconnected computers.

(4) "Computer program" means an ordered set of data that are coded instructions or statements that when executed by a computer causes the computer to process data.

(5) "Computer software" a set of computer programs, procedures and associated documentation concerned with the operation of a computer system.

(6) "Computer system" means a set of related, connected or unconnected computer equipment and devices.

(7) "Financial statement" includes but is not limited to any check, draft, money order, certificate of deposit, letter of credit, bill of exchange, credit card of [or] marketable security, or any electronic data processing representation thereof.

(8) "Property" includes but is not limited to, financial instruments, information, including electronically processed or produced data, and computer software and programs, in either machine human readable form, and any other tangible or intangible item of value.

(9) "Services" includes, but is not limited to, computer time, data processing and storage functions.

**SECTION 16-9-93 Accessing of computers, etc., for fraudulent purposes; authorized access, alteration, destruction, etc., of computers, etc.**

(a) A person is guilty of a Class H felony if he willfully, directly or indirectly, accesses or causes to be accessed or attempts to access any computer, computer system, computer network, or any part thereof for the purpose of:

(1) Devising or executing any scheme or artifice to defraud unless the object of the scheme or artifice is to obtain educational testing material, a false educational testing score, or a false academic or vocational grade; or,

(2) Obtaining property or services other than educational testing material, a false educational testing score, or a false academic or vocational grade for himself or another, by means of false or fraudulent pretenses, representations or promises.

(b) Any person who willfully and without authorization, directly or indirectly, accesses or causes to be accessed any computer, computer system, computer network, or any part thereof, for any purpose other than those set forth in subsection (a) above, is guilty of a misdemeanor.

#### **SECTION 14-455 Damaging computers and related materials**

(a) A person is guilty of a Class H felony if he willfully and without authorization, alters, damages, destroys a computer, computer system, computer network, or any part thereof. of this article shall be considered to have been committed:

(b) A person is guilty of a misdemeanor if he willfully and without authorization alters, damages, or destroys any computer software, program or data residing or existing internal or external to a computer, computer system or computer network.

#### **SECTION 14-456 Denial of computer services to an authorized user**

Any person who willfully and without authorization denies or causes the denial of computer system services to an authorized user of such computer system services, is guilty of a misdemeanor.

#### **SECTION 14-457 Extortion**

Any person who verbally or by a written or printed communication, maliciously threatens to commit an act described in G.S. 14-455 with the intent to extort money or any pecuniary advantage, or with the intent to compel any person to do or refrain from doing any act against his will, is guilty of a Class H felony.

without regard for his own personal safety, and gave our civilization some extra time to get itself organized before advancing along the track of history," Vixie said. "Jon Postel's passing is a loss of extraordinary proportions," wrote Ken Stubbs, the chairman of the Internet Council of Registrars. "His vision of a world drawn together through a vast common communications network has become a reality, and his genius and leadership were the key to its realization." Others remembered Postel's altruism: "Jon's contributions ushered the Internet through a long series of very important and difficult decisions," said Bill Norton, former chair of the North American Network Operators' Group and a personal friend of Postel. "He has worked for Information Sciences Institute, solely for the good of the Internet, for as long as I have known him." "Jon was a man of great integrity," said Norton, a friend of Postel and colleague who had worked with him on the Routing Arbiter Project since 1994. "He was now swayed by the hype and monetary interests that have more recently driven the Internet." Tara Lemmey, an online privacy advocate, said that Postel worked in the background, out of the limelight, and that many now take his work for granted. "He was really nice and he really got it," said Lemmey, who had been consulting closely with Postel on the future of the .us top-level domain, which Postel managed as part of his responsibilities at the Information Sciences Institute. "He had great ethics and a really sincere sense about the community. He was really trying to come up with the right solution," said Lemmey. "There is a whole group of first-generation Internet pioneers that are all like that, and they are really wonderful. It is all about getting information to people and making the Internet a better place. It is really sad." One network administrator proposed that all Web sites should change their background colors to black in honor of Postel's passing. "When Marconi died, the entire world observed two minutes radio silence," wrote Nigel Roberts, administrator of the Channel Islands Domain Name Registry on a mailing list devoted to the future of Internet governance. "Jon Postel's contributions to worldwide communications are every bit the equal of Marconi and I feel turning our site black is the least I could do," wrote Roberts. The Network Information Center for the Chilean country code domain has also turned its page black, and others around the world are expected to follow suit in tribute. (*Reuters/Wired*)

**(Continued from page 4)** was almost not let into my school because he was MY friend, and the school also marks my FRIENDS as HACKERS. Strange isn't it? Well, just proving a point that some schools are a bit more heavy about that shit than others. 1 last thing, I bought a hub just recently, because the number of network ports is minimal at school, and a 10-port hub would support my friends and me nicely. Well, the school thought the same thing, only in the WRONG LIGHT. They said "oh yeah, get your hub so that you and all your friends can collaborate in the same place while hacking the server." Oh, so much fuckin PARANOIA! Get a grip, fuckers!!!! aiight, i seem to be bitchin on now, better end this fast.

### **AND THE NEXT DAY**

Well, you know the setting, here we go. Yesterday I heard of a meeting that some "hackers", and me my friends were going to have with the principal. Well, we walk in this morning and they send us to the office and confiscate our backpacks. They separate us all and make us write statements of everything that we know about this hacking ordeal. We write, and soon the principal calls us in, as well as the Tech Teacher, a computer Teacher and two other teachers. Well, the principal tells us that this has gone far enough, and that an FBI Agent was going to be visiting the school next week to investigate all of this. Well, she gave us 1 last chance to get everything straight. Me, my friends and the 2-tech/computer teachers went over to a bakery to discuss everything (only 5 minutes walking). We talked of the software at hand that was causing the ordeal, as well as activities of my friends and me. They also talked about our laptops, also at hand. After an hour, and almost 4 periods missed, we came up with a solution that the computer teacher would be willing to set up an NT server that we built so as to use as a "sterile" or "testing ground" server for future software. This may not seem like a big satisfaction, but this is a great opportunity for me as well as my friends. This gives us the enjoyment of playing with hacking, but also keeps our ass out of the fire. We are doing hazardous things, yet we are safeguarded by the target of the tasks, and the agreement. Thanks for listening, and use some or all of what you want from both stories... I give you permission to my experiences. Peace out man.



## **Microsoft: Linux a threat to NT**

Staff, CNET News.com

The growing popularity of Linux and other so-called open source software poses a direct threat to Microsoft's revenue stream, according to an internal company memo posted on the Web.

Independent programmer Eric Raymond posted the so-called "Halloween memo" to the Web over the weekend. Windows NT Server, an operating system for server computers that accounts for a growing share of Redmond's revenues, is most vulnerable, according to the memo. Linux, which is freely available, also poses a serious threat to Santa Cruz Operation and other makers of Unix operating systems.

Microsoft's Internet Explorer browser, by contrast, faces little threat from Netscape Communications' recent open source initiative for its Communicator Web browsing and email software, according to the memo. The document was originally written by Microsoft's Vinod Valloppillil, an engineer who analyzes industry trends, said Edmund Muth, the company's enterprise marketing group manager.

"Clearly, there is real and tangible competition in the operating systems market and as a company that makes operating systems, Microsoft is clearly paying attention," spokesman Adam Sohn said. "We're examining competitive issues all the time."

One quote from the document spells out the potential seriousness of the threat with particular clarity: "The ability of the OSS process to collect and harness the collective IQ of thousands of individuals across the Internet is simply amazing. More importantly, OSS evangelization scales with the size of the Internet much faster than our own evangelization efforts appear to scale."

OSS refers to Open Source which describes software whose code is freely available to anyone. This includes Linux, Apache Web Server code, and Netscape's open source initiative for Communicator.

"OSS poses a direct, short-term revenue and platform threat to Microsoft, particularly in server space," the document reads. "Additionally, the intrinsic parallelism and free idea exchange in OSS has benefits that are not replicable with our current licensing model and therefore present a long-term developer mindshare threat."

Valloppillil discusses ways to "deny OSS projects entry into the market," concluding that the best method would be to expand on the protocols that make the software so popular and distributing them to customers. Because Linux is not made by any single entity, the

memo states, "we must target a process rather than a company."

Linux is a Unix-based operating system developed by Finnish programmer Linus Torvalds eight years ago. Like most other open source types of software, Linux benefits from thousands of other programmers jointly working on upgrades and bug fixes.

Despite its being available for free, companies such as Red Hat and Caldera have built businesses around supporting Linux, which has about 7 million users. Netscape and Intel recently invested in Red Hat.

Besides posing a threat to Microsoft, Linux poses an even bigger threat to Unix providers. "Linux is on track to eventually own the x86 [Intel-compatible] Unix market and has been the only Unix version to gain net server OS market share in recent years," the document states. "I believe that Linux...more so [sic] than NT will be the biggest threat to [Santa Cruz Operation] in the near future."

Netscape's open source initiative, shepherded by the company's Mozilla.org organization, may help bring together independent programmers who share anti-Microsoft sentiment, the memo says. But the long-term effects on the hard-fought browser war between the two companies are expected to be minimal.

"Relative to other OSS projects, Mozilla is considered to be one of the most direct, near-term attacks on the Microsoft establishment. This factor alone is probably a key galvanizing factor in motivating developers towards the Mozilla code base," the memo says. "The availability of Mozilla source code has renewed Netscape's credibility in the browser space to a small degree."

But few major features remain to be added to the standalone browser, the memo concludes, and programmers aren't likely to devote their energies to helping Netscape reinvent the Web browsing wheel.

"There are no longer any large, high-profile segments of the standalone browser which must be developed," the memo says. "Netscape has already solved the interesting 80 percent of the problem. There is little/no ego gratification in debugging/fixing the remaining 20% of Netscape's code."

While Mozilla will "produce the dominant browser on Linux and some UNIXs," the memo concludes, it will "continue to slip behind IE in the long run."

# E.U.A. Electronic Underground Affiliation

For more information about the E.U.A., email: [archive\\_@hotmail.com](mailto:archive_@hotmail.com) or BBS it at the Information Attic (910) 347-2582. The Electronic Underground Affiliation is aimed at setting a new standard in the hacker community based on the old school idea for the "Free Exchange of Information and Ideas."

## Electronic Underground Affiliation

- Idea: The Free Exchange of Information and Knowledge.
- Purpose: To Ensure that Information and Knowledge are available to anyone seeking.
- Goal: To enlist the assistance, wisdom, knowledge and information of as many IS specialists, hackers, crypto-&cypherpunks, users as possible.
- Ethic: Unlike society, the E.U.A., will not be hindered by the social stigmas of our day. We will not discriminate others on the basis of: 1) Sex, 2) Race, 3) Religious Beliefs, 4) Affiliation, 5) Physical Impairments.
- The Moto: *"Aut Hack Vincere Aut Mori"*

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