

## you don't w Security experts studying we hackers with 'honeypo PARIS (A arms in triu Sunday, easi France title : and taking th

Training Field as fire fighters gear up to participate in elled to College Station to attend the training session

THE BATTALION

SAN JOSE, Calif. (AP) — As a tank officer in the U.S. Army, Lance Spitzner carefully studied the range of Soviet tanks, their speed and rate of fire. It is called getting to know the enemy.

**Breathe easy** 

Later, as a computer security consultant, Spitzner was surprised at the sorry state of intelligence gathering on people who break into computers, steal information, erase data and launch attacks.

Some companies infiltrate hacker groups and hire hackers as consultants. But in this ever-escalating war, little was being gathered about their methods until after the damage was done.

From his worries, the Honeynet Project was born. It is an attempt to uncover the latest and greatest hacking techniques, motivations and targets by setting up a network of systems dubbed "honeypots," solely to watch them being hacked.

"Everything in security has been about prevention, protection and reaction," Spitzner said. "The bad guys have the inigain intelligence on the bad guys and count- for research, not prosecution. The er that before they attack.

The Honeynet consists of ordinary computers and software with one difference: The system seamlessly and quietly records every bit of information that passes through, including keystrokes.

In Honeynet's two years of operation, the half-dozen machines locked away in the spare bedroom of Spitzner's suburban Chicago home hosted everything from malicious, virus-like worms to a group of Pakistani hackers intent on stealing credit card numbers and defacing Websites.

At first Spitzner relied on an informal group of colleagues to help solve the problems his computers recorded. Now, the team is 30 strong and includes computer gurus, forensic experts, statisticians and psychologists - all volunteers. The cost was low: Nobody was paid, and

all equipment came out of Spitzner's closet.

Team members have called the FBI when earlier this year and started planning it appeared laws were about to be broken, eration Poohbear," which will be to

are rarely even identified.

And when it appears a hacker is a divert a Honeynet computer to laund tack against other systems, the hone cut off to avoid liability.

The Honeynet Project aims awareness and educate other profess about security risks through papers an group's book, "Know Your Enemy," so be published by Addison-Wesley.

The group also hopes to predict guickly machines are likely to be violati ter hackers begin scanning their target

"The fastest one of our honeype ever been hacked is 15 minutes," S said. "This should scare the hell out of We do nothing to advertise. We just put systems out there. This is my ISDN my home bedroom. It's not IBM or st thing like that."

The team turned off the original new

Monday, July

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Each team nake it to th our team's g Head co prought qua is, center S Brooks to from the pre that being u bad thing l

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tiative. We want to take the initiative and but their main purpose was to collect data through book sales and grants.

#### ATTACKS

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# **Continued from Page 1**

"What's taking place is unusual for Tyler.'

All the attacks came between 10 p.m. and 1 a.m., and all but one involved an intruder who crept into a home. Five of the attacks have involved a tan white or Hispanic man who appeared to be in his late 20s to mid-30s, is 5 feet 10 inches to 6 feet tall and weighed 175 to 200 pounds. Three victims described

#### WORM

### **Continued from Page 1**

to do so. At least two mutations have already been found.

Code Red exploits a flaw discovered in June in Microsoft's Internet Information Services software used on Internet servers. It is found in Windows' NT and 2000 operating systems.

Only computers set to use the English language will have their Web pages defaced. From the first through the 19 of every month, the worm spreads. From the 20 on, it attacks the White House Website, trying to knock it offline.

The White House took precautions against it, changing its Microsoft and other technology numerical Internet address to dodge the attack.

Even though the target has moved, the infected computers will still launch their attack. This, officials said, could slow down the Internet causing sporadic but widespread outages.

their assailant as a fit man of similar size and build with little or no arm hair.

Some of the six women who were attacked said police have had to be prodded to pursue some leads and have overlooked some evidence.

Swindle, however, said his department has acted properly.

He said he formed a task force in May after a woman from a prominent family was attacked in an exclusive neighborhood.

Last week, the Pentagon was forced to shut down public access to all of its Websites temporarily to purge and protect them from the Code Red worm.

Because Code Red spread so quickly, security companies have not been able to figure out who wrote and released it.

Code Red also can damage smaller networks by affecting a certain type of Internet routers, made by Cisco Systems, used for data traffic control.

Steve Lipner, head of Microsoft's security response center, said the company is looking for new ways to distributing patches more efficiently.

The government relies on companies to secure everything from defense networks to financial systems.

"The protection of the Intersentment over the Navy's presnet requires a partnership with the government, private compaence exploded in anger and protests after civilian guard nies and the public as a whole," NIPC's Dick said. David Sanes was killed in 1999

# VIEQUES

66

#### Continued from Page 1

resuming live bombing.

six decades ago. A federal refer-

endum scheduled for November

only allows them to choose be-

tween the Bush plan and the

Navy remaining indefinitely and

enough to know what they were

doing to my island I wanted

them to leave," said Candido L.

Felix, a carpenter, handyman

and mechanic born in 1940, the

year the Navy came to Vieques

for Viegues, and

that means the

Navy has to go."

and appropriated two-thirds of

cises for his poverty, Vieques'

tourism industries and the re-

sulting split in families whose

young members go to the main-

and that means the Navy has to

go," said Geraldo Vegerano, a

construction worker who has to

commute to neighboring Cule-

Decades of simmering re-

"We want peace for Vieques,

Felix blamed the Navy exer-

the 18-mile-long island.

undeveloped fishing

land to find work.

bra island to work.

We want peace

– Geraldo Vegerano

and

construction worker

"From the time I was old

prized range.

On Sunday, not all of Sanes' family voted to stop bombing.

by two off-target bombs on

"People are afraid to a out here," Maria Sans cousin of the victim, told pro-Navy rally. "But man them are going to vote for" Navy to stay, she said.

The Navy says the Atla bombing range, which take one-tenth of the island on eastern tip and is 10 miles the biggest town, provide sential training that saves in combat.

Efforts to find an alter have produced proposals patchwork of different site different types of training mainland all with one big back: nobody wants bo dropping in their backyard

Two weeks ago the Nav nounced a program of com sation that would pay fishe \$100 for each day that bon exercises prevent them wor and grants of up to \$25,0 start small businesses. Many say that is too little

"If they gave me \$100,0

wouldn't take it," Felix said these years they never go anything but problems. they want to give us money like trying to buy us."

Anti-Navy activists sa bombing has damaged the ronment and the health landers who say they have er-than-normal cancer infant mortality rates. The denies causing health prob