

---

Subject: IMPORTANT: latest RHEL4 kernel has a root exploit!!  
(2.6.9-023stab016.2)

Posted by [Avi Brender](#) on Thu, 12 Oct 2006 01:47:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

The latest RHEL4 kernel for OpenVZ ((2.6.9-023stab016.2) available at <http://openvz.org/download/kernel/rhel4/> is vulnerable to the PRCTL exploit: <http://isc.sans.org/diary.php?storyid=1482>

example session of "nobody" running the exploit and getting a root shell:

```
[root@mailin-02node tmp]# uname -a
Linux mailin-02node.elitehosts.com 2.6.9-023stab016.2 #1 Thu Aug 10 23:39:42
MSD 2006 i686 i686 i386 GNU/Linux
[root@mailin-02node tmp]# su nobody
bash-3.00$ ls -ld 05
-rwxr-xr-x 1 nobody nobody 13298 Oct 11 21:42 05
bash-3.00$ ./05
```

prctl() suidsafe exploit

(C) Julien TINNES

```
[+] Installed signal handler
[+] We are suidsafe dumpable!
[+] Malicious string forged
[+] Segfaulting child
[+] Waiting for exploit to succeed (~26 seconds)
[+] getting root shell
sh-3.00# whoami
root
sh-3.00# uname -a
Linux mailin-02node.elitehosts.com 2.6.9-023stab016.2 #1 Thu Aug 10 23:41:42
MSD 2006 i686 i686 i386 GNU/Linux
sh-3.00#
```

-----  
Avi Brender  
abrender@elitehosts.com  
Elite Hosts, Inc  
-----

WARNING !!! This email message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review; use, disclosure or distribution is prohibited, and could result in criminal prosecution. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the

original message. This message is private and is considered a confidential exchange - public disclosure of this electronic message or its contents are prohibited.

---

Subject: Re: IMPORTANT: latest RHEL4 kernel has a root exploit!!  
(2.6.9-023stab016.2)  
Posted by [Mishin Dmitry](#) on Thu, 12 Oct 2006 09:32:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, Avi!

Sorry for long delay, new 2.6.9-based kernels are uploaded:  
<http://download.openvz.org/kernel/rhel4/023stab030.1/>

On Thursday 12 October 2006 05:47, Avi Brender wrote:

```
> Hi,  
>  
> The latest RHEL4 kernel for OpenVZ ((2.6.9-023stab016.2) available at  
> http://openvz.org/download/kernel/rhel4/ is vulnerable to the PRCTL  
> exploit: http://isc.sans.org/diary.php?storyid=1482  
>  
> example session of "nobody" running the exploit and getting a root shell:  
>  
> [root@mailin-02node tmp]# uname -a  
> Linux mailin-02node.elitehosts.com 2.6.9-023stab016.2 #1 Thu Aug 10  
> 23:39:42 MSD 2006 i686 i686 i386 GNU/Linux  
> [root@mailin-02node tmp]# su nobody  
> bash-3.00$ ls -ld 05  
> -rwxr-xr-x 1 nobody nobody 13298 Oct 11 21:42 05  
> bash-3.00$ ./05  
>  
> prctl() suidsafe exploit  
>  
> (C) Julien TINNES  
>  
> [+] Installed signal handler  
> [+] We are suidsafe dumpable!  
> [+] Malicious string forged  
> [+] Segfaulting child  
> [+] Waiting for exploit to succeed (~26 seconds)  
> [+] getting root shell  
> sh-3.00# whoami  
> root  
> sh-3.00# uname -a  
> Linux mailin-02node.elitehosts.com 2.6.9-023stab016.2 #1 Thu Aug 10  
> 23:41:42 MSD 2006 i686 i686 i386 GNU/Linux
```

> sh-3.00#

>

> -----

> Avi Brender

> abrender@elitehosts.com

> Elite Hosts, Inc

> -----

> WARNING !!! This email message is for the sole use of the intended  
> recipient(s) and may contain confidential and privileged information. Any  
> unauthorized review; use, disclosure or distribution is prohibited, and  
> could result in criminal prosecution. If you are not the intended  
> recipient, please contact the sender by reply email and destroy all copies  
> of the original message. This message is private and is considered a  
> confidential exchange - public disclosure of this electronic message or its  
> contents are prohibited.

> -----

--

Thanks,  
Dmitry.

---