
Subject: Re: [PATCH 1/1] capabilities: introduce per-process capability bounding set (v8)

Posted by [Andrew Morgan](#) on Thu, 22 Nov 2007 06:41:45 GMT

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-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

Serge,

16d76d11d27f32487366a7cec6a52f6ec4fb1cbb
+ 470a68120cda83875a281354b897f3bda04b58fc

Could you also modify the old comment above

```
#define CAP_SETPCAP      8
```

"add any capability to the current process' inheritable set"

to read

"add any capability, from cap_bset, to the current process' inheritable set"

Otherwise, this all looks good.

Thanks

Andrew

Serge E. Hallyn wrote:

> Quoting Serge E. Hallyn (serue@us.ibm.com):

>> How about the following?

>

> Argh, with the following on top of it...

>

> -serge

>

>

>>From 470a68120cda83875a281354b897f3bda04b58fc Mon Sep 17 00:00:00 2001

> From: Serge E. Hallyn <serue@us.ibm.com>

> Date: Tue, 20 Nov 2007 15:12:54 -0500

> Subject: [PATCH 1/1] capbset: fix compilation when CONFIG_SECURITY=n

>

> without this patch, kernel/sys.c has undefined reference

> to cap_prctl_drop().

>

> Signed-off-by: Serge E. Hallyn <serue@us.ibm.com>

> ---

```

> kernel/sys.c      | 4 ++++
> security/commoncap.c | 4 ----
> 2 files changed, 4 insertions(+), 4 deletions(-)
>
> diff --git a/kernel/sys.c b/kernel/sys.c
> index b528e75..efc495e 100644
> --- a/kernel/sys.c
> +++ b/kernel/sys.c
> @@ -1747,7 +1747,11 @@ asmlinkage long sys_prctl(int option, unsigned long arg2, unsigned
long arg3,
>     return -EINVAL;
>     return !!cap_raised(current->cap_bset, arg2);
>     case PR_CAPBSET_DROP:
> +#ifdef CONFIG_SECURITY_FILE_CAPABILITIES
>     return cap_prctl_drop(arg2);
> +#else
> + return -EINVAL;
> +#endif
>
>     default:
>     error = -EINVAL;
> diff --git a/security/commoncap.c b/security/commoncap.c
> index b72825e..e909f4f 100644
> --- a/security/commoncap.c
> +++ b/security/commoncap.c
> @@ -594,10 +594,6 @@ int cap_task_kill(struct task_struct *p, struct siginfo *info,
> {
>     return 0;
> }
> -long cap_prctl_drop(unsigned long cap)
> -{
> - return -EINVAL;
> -}
> #endif
>
> void cap_task_reparent_to_init (struct task_struct *p)
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.2.6 (GNU/Linux)

```

```

iD8DBQFHRSSmQheEq9QabfIRAk8zAJ9u+RFKmZroCUIZzyHDX9XIP4v/EgCcCTJN
eGcNpqTMzOiLYwMGow3RAWQ=
=GSo6
-----END PGP SIGNATURE-----

```

Containers mailing list
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