
Subject: [PATCH 4/7] cgroup: fix memory leak in cgroup_get_sb()

Posted by [Li Zefan](#) on Mon, 18 Feb 2008 05:49:51 GMT

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opts.release_agent is not kfree()ed in all necessary places.

Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

kernel/cgroup.c | 5 ++++-

1 files changed, 4 insertions(+), 1 deletions(-)

diff --git a/kernel/cgroup.c b/kernel/cgroup.c

index 0c35022..aa76bbd 100644

--- a/kernel/cgroup.c

+++ b/kernel/cgroup.c

```
@@ -961,8 +961,11 @@ static int cgroup_get_sb(struct file_system_type *fs_type,
 }
```

```
root = kzalloc(sizeof(*root), GFP_KERNEL);
```

```
- if (!root)
```

```
+ if (!root) {
```

```
+ if (opts.release_agent)
```

```
+ kfree(opts.release_agent);
```

```
return -ENOMEM;
```

```
+ }
```

```
init_cgroup_root(root);
```

```
root->subsys_bits = opts.subsys_bits;
```

```
--
```

1.5.4.rc3

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

Subject: Re: [PATCH 4/7] cgroup: fix memory leak in cgroup_get_sb()

Posted by [Paul Menage](#) on Wed, 20 Feb 2008 03:04:39 GMT

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On Feb 17, 2008 9:49 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:

> opts.release_agent is not kfree()ed in all necessary places.

>

> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

Acked-by: Paul Menage <menage@google.com>

Good catch, although hopefully something that would be extremely rare in practice.

Thanks,

Paul

```
> ---
> kernel/cgroup.c | 5 ++++-
> 1 files changed, 4 insertions(+), 1 deletions(-)
>
> diff --git a/kernel/cgroup.c b/kernel/cgroup.c
> index 0c35022..aa76bbd 100644
> --- a/kernel/cgroup.c
> +++ b/kernel/cgroup.c
> @@ -961,8 +961,11 @@ static int cgroup_get_sb(struct file_system_type *fs_type,
>     }
>
>     root = kzalloc(sizeof(*root), GFP_KERNEL);
> -    if (!root)
> +    if (!root) {
> +        if (opts.release_agent)
> +            kfree(opts.release_agent);
>         return -ENOMEM;
> +    }
>
>     init_cgroup_root(root);
>     root->subsys_bits = opts.subsys_bits;
> --
> 1.5.4.rc3
>
>
```

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