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Subject: [PATCH] SUNRPC: skip dead but not buried clients on PipeFS events  
Posted by [Stanislav Kinsbursky](#) on Thu, 19 Apr 2012 10:57:18 GMT

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These clients can't be safely dereferenced if their counter in 0.

Signee-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

---

```
net/sunrpc/clnt.c | 3 ++-
1 files changed, 2 insertions(+), 1 deletions(-)

diff --git a/net/sunrpc/clnt.c b/net/sunrpc/clnt.c
index 6797246..591994d 100644
--- a/net/sunrpc/clnt.c
+++ b/net/sunrpc/clnt.c
@@ -218,7 +218,8 @@ static struct rpc_clnt *rpc_get_client_for_event(struct net *net, int event)
    if (((event == RPC_PIPEFS_MOUNT) && clnt->cl_dentry) ||
        ((event == RPC_PIPEFS_UMOUNT) && !clnt->cl_dentry))
        continue;
-   atomic_inc(&clnt->cl_count);
+   if (atomic_inc_return(&clnt->cl_count) == 1)
+       continue;
    spin_unlock(&sn->rpc_client_lock);
    return clnt;
}
```

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Subject: Re: [PATCH] SUNRPC: skip dead but not buried clients on PipeFS events  
Posted by [Stanislav Kinsbursky](#) on Thu, 19 Apr 2012 11:36:57 GMT

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Sorry, but ignore this patch too.

It can't be that simple because of these cl\_count tricks in rpc\_release\_client...

> These clients can't be safely dereferenced if their counter in 0.  
>  
> Signee-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>  
>  
> Signed-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>  
>  
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>     if (((event == RPC_PIPEFS_MOUNT)&& clnt->cl_dentry) ||
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>         continue;
> - atomic_inc(&clnt->cl_count);
> + if (atomic_inc_return(&clnt->cl_count) == 1)
> +     continue;
>     spin_unlock(&sn->rpc_client_lock);
>     return clnt;
> }
>
```

--

Best regards,  
Stanislav Kinsbursky

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Subject: Re: [PATCH] SUNRPC: skip dead but not buried clients on PipeFS events  
Posted by [bfields](#) on Thu, 19 Apr 2012 21:40:43 GMT

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On Thu, Apr 19, 2012 at 03:36:57PM +0400, Stanislav Kinsbursky wrote:

```
> Sorry, but ignore this patch too.
> It can't be that simple because of these cl_count tricks in rpc_release_client...
```

OK. Very minor whine:

```
>
```

```
> > These clients can't be safely dereferenced if their counter is 0.
> >
> > Signed-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>
> >
> > Signed-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>
```

I don't mind fixing up trivial slips every now and then, but that double signed-off-by seems to happen on a lot of your posts; could you figure out what's up with your scripts?

--b.

```
> >
```

```

> >---
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> >     continue;
> >- atomic_inc(&clnt->cl_count);
> >+ if (atomic_inc_return(&clnt->cl_count) == 1)
> >+     continue;
> > spin_unlock(&sn->rpc_client_lock);
> > return clnt;
> > }
> >
> >
> >
> --
> Best regards,
> Stanislav Kinsbursky
> --
> To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html
> Please read the FAQ at http://www.tux.org/lkml/

```

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Subject: Re: [PATCH] SUNRPC: skip dead but not buried clients on PipeFS events  
 Posted by [Stanislav Kinsbursky](#) on Fri, 20 Apr 2012 06:05:05 GMT  
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```

> On Thu, Apr 19, 2012 at 03:36:57PM +0400, Stanislav Kinsbursky wrote:
>> Sorry, but ignore this patch too.
>> It can't be that simple because of these cl_count tricks in rpc_release_client...
> OK. Very minor whine:
>

```

```

>>> These clients can't be safely dereferenced if their counter in 0.
>>>
>>> Signee-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>
>>>
>>> Signed-off-by: Stanislav Kinsbursky<skinsbursky@parallels.com>

```

> I don't mind fixing up trivial slips every now and then, but that double  
> signed-off-by seems to happen on a lot of your posts; could you figure  
> out what's up with your scripts?

Yes, sure. Sorry.

I've noticed this problem just yesterday.

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