
Subject: [PATCH][BRIDGE] Lost call to br_fdb_fini() in br_init() error path

Posted by [Pavel Emelianov](#) on Tue, 27 Nov 2007 14:39:42 GMT

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In case the br_netfilter_init() (or any subsequent call) fails, the br_fdb_fini() must be called to free the allocated in br_fdb_init() br_fdb_cache kmem cache.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

diff --git a/net/bridge/br.c b/net/bridge/br.c

index 93867bb..a901828 100644

--- a/net/bridge/br.c

+++ b/net/bridge/br.c

@@ -39,7 +39,7 @@ static int __init br_init(void)

err = br_fdb_init();

if (err)

- goto err_out1;

+ goto err_out;

err = br_netfilter_init();

if (err)

@@ -65,6 +65,8 @@ err_out3:

err_out2:

br_netfilter_fini();

err_out1:

+ br_fdb_fini();

+err_out:

llc_sap_put(br_stp_sap);

return err;

}

Subject: Re: [PATCH][BRIDGE] Lost call to br_fdb_fini() in br_init() error path

Posted by [Stephen Hemminger](#) on Tue, 27 Nov 2007 16:19:56 GMT

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On Tue, 27 Nov 2007 17:39:42 +0300

Pavel Emelyanov <xemul@openvz.org> wrote:

> In case the br_netfilter_init() (or any subsequent call)

> fails, the br_fdb_fini() must be called to free the allocated

> in br_fdb_init() br_fdb_cache kmem cache.

>

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```

>
> ---
>
> diff --git a/net/bridge/br.c b/net/bridge/br.c
> index 93867bb..a901828 100644
> --- a/net/bridge/br.c
> +++ b/net/bridge/br.c
> @@ -39,7 +39,7 @@ static int __init br_init(void)
>
> err = br_fdb_init();
> if (err)
> - goto err_out1;
> + goto err_out;
>
> err = br_netfilter_init();
> if (err)
> @@ -65,6 +65,8 @@ err_out3:
> err_out2:
> br_netfilter_fini();
> err_out1:
> + br_fdb_fini();
> +err_out:
> llc_sap_put(br_stp_sap);
> return err;
> }

```

Good catch, thanks I hope you didn't find this in live system.

--

Stephen Hemminger <shemminger@linux-foundation.org>

Subject: Re: [PATCH][BRIDGE] Lost call to br_fdb_fini() in br_init() error path

Posted by [Herbert Xu](#) on Thu, 29 Nov 2007 12:45:22 GMT

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On Tue, Nov 27, 2007 at 05:39:42PM +0300, Pavel Emelyanov wrote:

```

> In case the br_netfilter_init() (or any subsequent call)
> fails, the br_fdb_fini() must be called to free the allocated
> in br_fdb_init() br_fdb_cache kmem cache.
>

```

```

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```

Patch applied to net-2.6. Thanks Pavel!

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Home Page: <http://gondor.apana.org.au/~herbert/>

PGP Key: <http://gondor.apana.org.au/~herbert/pubkey.txt>
