
Subject: [PATCH 2.6.25 1/3] ipv4: no need pass pointer to a default into fib_detect_death

Posted by [den](#) on Fri, 07 Dec 2007 16:08:37 GMT

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ipv4: no need pass pointer to a default into fib_detect_death

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```
net/ipv4/fib_hash.c    |  4 +---  
net/ipv4/fib_lookup.h  |   2 +-  
net/ipv4/fib_semantics.c|  6 ++++--  
net/ipv4/fib_trie.c    |  4 +---  
4 files changed, 8 insertions(+), 8 deletions(-)
```

```
diff --git a/net/ipv4/fib_hash.c b/net/ipv4/fib_hash.c
```

```
index 30ff657..76bb7fd 100644
```

```
--- a/net/ipv4/fib_hash.c
```

```
+++ b/net/ipv4/fib_hash.c
```

```
@@@ -314,7 +314,7 @@ fn_hash_select_default(struct fib_table *tb, const struct flowi *flp, struct  
fib
```

```
    if (next_fi != res->fi)  
        break;  
    } else if (!fib_detect_death(fi, order, &last_resort,  
-        &last_idx, &fn_hash_last_dflt)) {  
+        &last_idx, fn_hash_last_dflt)) {  
    if (res->fi)  
        fib_info_put(res->fi);  
    res->fi = fi;  
@@@ -332,7 +332,7 @@ fn_hash_select_default(struct fib_table *tb, const struct flowi *flp, struct  
fib  
    goto out;  
}
```

```
- if (!fib_detect_death(fi, order, &last_resort, &last_idx, &fn_hash_last_dflt)) {
```

```
+ if (!fib_detect_death(fi, order, &last_resort, &last_idx, fn_hash_last_dflt)) {
```

```
    if (res->fi)
```

```
        fib_info_put(res->fi);
```

```
    res->fi = fi;
```

```
diff --git a/net/ipv4/fib_lookup.h b/net/ipv4/fib_lookup.h
```

```
index eef9eec..6c9dd42 100644
```

```
--- a/net/ipv4/fib_lookup.h
```

```
+++ b/net/ipv4/fib_lookup.h
```

```
@@@ -36,6 +36,6 @@ extern struct fib_alias *fib_find_alias(struct list_head *fah,  
    u8 tos, u32 prio);
```

```
extern int fib_detect_death(struct fib_info *fi, int order,  
    struct fib_info **last_resort,
```

```

-     int *last_idx, int *dflt);
+     int *last_idx, int dflt);

#endif /* _FIB_LOOKUP_H */
diff --git a/net/ipv4/fib_semantics.c b/net/ipv4/fib_semantics.c
index ec9b0dd..bbd4a24 100644
--- a/net/ipv4/fib_semantics.c
+++ b/net/ipv4/fib_semantics.c
@@@ -346,7 +346,7 @@ struct fib_alias *fib_find_alias(struct list_head *fah, u8 tos, u32 prio)
}

int fib_detect_death(struct fib_info *fi, int order,
-     struct fib_info **last_resort, int *last_idx, int *dflt)
+     struct fib_info **last_resort, int *last_idx, int dflt)
{
    struct neighbour *n;
    int state = NUD_NONE;
@@@ -358,10 +358,10 @@ int fib_detect_death(struct fib_info *fi, int order,
}
if (state==NUD_REACHABLE)
    return 0;
- if ((state&NUD_VALID) && order != *dflt)
+ if ((state&NUD_VALID) && order != dflt)
    return 0;
if ((state&NUD_VALID) ||
-    (*last_idx<0 && order > *dflt)) {
+    (*last_idx<0 && order > dflt)) {
    *last_resort = fi;
    *last_idx = order;
}
diff --git a/net/ipv4/fib_trie.c b/net/ipv4/fib_trie.c
index 6385cca..914a0d2 100644
--- a/net/ipv4/fib_trie.c
+++ b/net/ipv4/fib_trie.c
@@@ -1827,7 +1827,7 @@ fn_trie_select_default(struct fib_table *tb, const struct flowi *flp, struct
fib
    if (next_fi != res->fi)
        break;
} else if (!fib_detect_death(fi, order, &last_resort,
-     &last_idx, &trie_last_dflt)) {
+     &last_idx, trie_last_dflt)) {
    if (res->fi)
        fib_info_put(res->fi);
    res->fi = fi;
@@@ -1843,7 +1843,7 @@ fn_trie_select_default(struct fib_table *tb, const struct flowi *flp, struct
fib
    goto out;
}

```

```
- if (!fib_detect_death(fi, order, &last_resort, &last_idx, &trie_last_dflt)) {  
+ if (!fib_detect_death(fi, order, &last_resort, &last_idx, trie_last_dflt)) {  
    if (res->fi)  
        fib_info_put(res->fi);  
    res->fi = fi;  
--
```

1.5.3.rc5
