

---

Subject: [PATCH net-2.6.25 3/6][IPv4] Cleanup the sysctl\_net\_ipv4.c file  
Posted by [Pavel Emelianov](#) on Sat, 01 Dec 2007 13:03:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

This includes several cleanups:

- \* move the ipv4\_config to af\_inet.c;
- \* tune Makefile to compile out this file when needed;
- \* remove additional sysctl\_ip\_nonlocal\_bind declaration (it is already declared in net/ip.h);
- \* remove no longer needed ifdefs from this file.

This is a preparation for using ctl paths for net/ipv4/sysctl table.

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

---

```
diff --git a/net/ipv4/Makefile b/net/ipv4/Makefile
index 93fe396..ad40ef3 100644
--- a/net/ipv4/Makefile
+++ b/net/ipv4/Makefile
@@ -10,9 +10,10 @@ obj-y := route.o inetpeer.o protocol.o \
    tcp_minisocks.o tcp_cong.o \
    datagram.o raw.o udp.o udplite.o \
    arp.o icmp.o devinet.o af_inet.o igmp.o \
-   sysctl_net_ipv4.o fib_frontend.o fib_semantics.o \
+   fib_frontend.o fib_semantics.o \
    inet_fragment.o

+obj-$(CONFIG_SYSCTL) += sysctl_net_ipv4.o
+obj-$(CONFIG_IP_FIB_HASH) += fib_hash.o
+obj-$(CONFIG_IP_FIB_TRIE) += fib_trie.o
+obj-$(CONFIG_PROC_FS) += proc.o
diff --git a/net/ipv4/af_inet.c b/net/ipv4/af_inet.c
index c75f20b..0e4b6eb 100644
--- a/net/ipv4/af_inet.c
+++ b/net/ipv4/af_inet.c
@@ -126,6 +126,10 @@ extern void ip_mc_drop_socket(struct sock *sk);
static struct list_head inetsw[SOCK_MAX];
static DEFINE_SPINLOCK(inetsw_lock);

+struct ipv4_config ipv4_config;
+
+EXPORT_SYMBOL(ipv4_config);
+
/* New destruction routine */
```

```

void inet_sock_destruct(struct sock *sk)
diff --git a/net/ipv4/sysctl_net_ipv4.c b/net/ipv4/sysctl_net_ipv4.c
index bec6fe8..3546424 100644
--- a/net/ipv4/sysctl_net_ipv4.c
+++ b/net/ipv4/sysctl_net_ipv4.c
@@ -21,19 +21,10 @@
#include <net/cipso_ipv4.h>
#include <net/inet_frag.h>

-/* From af_inet.c */
-extern int sysctl_ip_nonlocal_bind;
-
-#ifdef CONFIG_SYSCTL
static int zero;
static int tcp_retr1_max = 255;
static int ip_local_port_range_min[] = { 1, 1 };
static int ip_local_port_range_max[] = { 65535, 65535 };
-#endif
-
-struct ipv4_config ipv4_config;
-
-#ifdef CONFIG_SYSCTL

static
int ipv4_sysctl_forward(ctl_table *ctl, int write, struct file * filp,
@@ -887,7 +878,3 @@ ctl_table ipv4_table[] = {
},
{ .ctl_name = 0 }
};
-
-#endif /* CONFIG_SYSCTL */
-
-EXPORT_SYMBOL(ipv4_config);
--
1.5.3.4

```

---