
Subject: [PATCH net-2.6.25 2/2][IPV6] Use sysctl paths to register ipv6 sysctl tables
Posted by [Pavel Emelianov](#) on Mon, 03 Dec 2007 11:26:29 GMT

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This makes the ipv6.ko smaller and creates the ground needed
for net namespaces support in ipv6.ko sctls.

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```
diff --git a/net/ipv6/sysctl_net_ipv6.c b/net/ipv6/sysctl_net_ipv6.c
index 227efa7..0b5bec3 100644
```

```
--- a/net/ipv6/sysctl_net_ipv6.c
```

```
+++ b/net/ipv6/sysctl_net_ipv6.c
```

```
@@ -82,31 +82,17 @@ static ctl_table ipv6_table[] = {
- { .ctl_name = 0 }
+};
```

```
-static struct ctl_table_header *ipv6_sysctl_header;
```

```
-
```

```
-static ctl_table ipv6_net_table[] = {
```

```
- {
```

```
- .ctl_name = NET_IPV6,
```

```
- .procname = "ipv6",
```

```
- .mode = 0555,
```

```
- .child = ipv6_table
```

```
- },
```

```
- { .ctl_name = 0 }
```

```
+static struct ctl_path ipv6_ctl_path[] = {
```

```
+ { .procname = "net", .ctl_name = CTL_NET, },
```

```
+ { .procname = "ipv6", .ctl_name = NET_IPV6, },
```

```
+ { },
```

```
};
```

```
-static ctl_table ipv6_root_table[] = {
```

```
- {
```

```
- .ctl_name = CTL_NET,
```

```
- .procname = "net",
```

```
- .mode = 0555,
```

```
- .child = ipv6_net_table
```

```
- },
```

```
- { .ctl_name = 0 }
```

```
-};
```

```
+static struct ctl_table_header *ipv6_sysctl_header;
```

```
void ipv6_sysctl_register(void)
```

```
{
```

```
- ipv6_sysctl_header = register_sysctl_table(ipv6_root_table);  
+ ipv6_sysctl_header = register_sysctl_paths(ipv6_ctl_path, ipv6_table);  
}
```

```
void ipv6_sysctl_unregister(void)
```

```
--
```

1.5.3.4
