
Subject: [PATCH] vzctl: Add support for xt_tcpudp (aka ipt_tcp/ipt_udp) module introduced by x_tables

Posted by [lakostis](#) on Thu, 09 Nov 2006 07:48:35 GMT

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In recent 2.6 kernels (2.6.16+) netfilter code is changed by new x_tables (Abstraction layer for {ip,ip6,arp}_tables). This patch updates iptables wrapper code in vzctl for this changes (adding xt_tcpudp support).

Signed-off-by: Konstantin A. Lepikhov <lakostis@altlinux.org>

```
etc/vz.conf          | 2 +-
include/linux/vzcalluser.h | 7 ++++++--
man/vzctl.8          | 2 +-
src/lib/iptables.c     | 1 +
5 files changed, 8 insertions(+), 4 deletions(-)
```

```
diff --git a/etc/vz.conf b/etc/vz.conf
```

```
index f1e9a42..5f23b90 100644
```

```
--- a/etc/vz.conf
```

```
+++ b/etc/vz.conf
```

```
@@ -29,5 +29,5 @@ DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module
```

```
VZWDOG="no"
```

```
-IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
```

```
+IPTABLES="xt_tcpudp ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length"
```

```
diff --git a/include/linux/vzcalluser.h b/include/linux/vzcalluser.h
```

```
index 360f246..31100b1 100644
```

```
--- a/include/linux/vzcalluser.h
```

```
+++ b/include/linux/vzcalluser.h
```

```
@@ -97,6 +97,7 @@ #define VE_IP_NAT_FTP_MOD (1U<<21)
```

```
#define VE_IP_NAT_IRC_MOD (1U<<22)
```

```
#define VE_IP_TARGET_REDIRECT_MOD (1U<<23)
```

```
#define VE_IP_MATCH_MAC_MOD (1U<<24)
```

```
+#define VE_IP_MATCH_TCPUDP_MOD (1U<<25)
```

```
/* these masks represent modules with their dependences */
```

```
#define VE_IP_IPTABLES (VE_IP_IPTABLES_MOD)
```

```
@@ -143,13 +144,15 @@ #define VE_IP_NAT_FTP (VE_IP_NAT_FTP_MO
```

```
#define VE_IP_NAT_IRC (VE_IP_NAT_IRC_MOD \
```

```
    | VE_IP_NAT | VE_IP_CONNTRACK_IRC)
```

```
#define VE_IP_TARGET_REDIRECT (VE_IP_TARGET_REDIRECT_MOD \
```

```
-    | VE_IP_NAT)
```

```
+    | VE_IP_NAT)
```

```

#define VE_IP_MATCH_MAC (VE_IP_MATCH_MAC_MOD \
+ | VE_IP_IPTABLES)
#define VE_IP_MATCH_TCPUDP (VE_IP_MATCH_TCPUDP_MOD \
| VE_IP_IPTABLES)

/* safe iptables mask to be used by default */
#define VE_IP_DEFAULT \
- (VE_IP_IPTABLES | \
+ (VE_IP_IPTABLES | VE_IP_MATCH_TCPUDP | \
VE_IP_FILTER | VE_IP_MANGLE | \
VE_IP_MATCH_LIMIT | VE_IP_MATCH_MULTIPORT | \
VE_IP_MATCH_TOS | VE_IP_TARGET_REJECT | \
diff --git a/man/vzctl.8 b/man/vzctl.8
index eec3155..0fb6eaa 100644
--- a/man/vzctl.8
+++ b/man/vzctl.8
@@ -311,7 +311,7 @@ You can use the following values for \fI
\fI{length}\fR, \fI{conntrack}\fR, \fI{conntrack_ftps}\fR,
\fI{conntrack_irc}\fR, \fI{conntrack}\fR, \fI{state}\fR,
\fI{helper}\fR, \fI{table_nat}\fR, \fI{nat_ftps}\fR, \fI{nat_irc}\fR,
-\fI{REDIRECT}\fR \fI{xt_mac}\fR.
+\fI{REDIRECT}\fR, \fI{xt_mac}\fR, \fI{xt_tcpudp}\fR.
.TP
\fBNetwork devices control parameters\fR
.IP "\fB--netdev_add\fR \fI{name}\fR"
diff --git a/src/lib/iptables.c b/src/lib/iptables.c
index 8d07264..93bbbc5 100644
--- a/src/lib/iptables.c
+++ b/src/lib/iptables.c
@@ -52,6 +52,7 @@ #endif
#ifdef VE_IP_MATCH_MAC
{"xt_mac", VE_IP_MATCH_MAC_MOD, VE_IP_MATCH_MAC},
#endif
+ {"xt_tcpudp", VE_IP_MATCH_TCPUDP_MOD, VE_IP_MATCH_TCPUDP},
#endif /* VZCTL_ENV_CREATE_DATA */
{NULL, 0}
};

```

--
1.4.2.GIT

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WBR et al.