

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

Posted by [Mishin Dmitry](#) on Thu, 09 Nov 2006 09:18:37 GMT

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On Thursday 09 November 2006 10:48, Konstantin A. Lepikhov wrote:

> 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).
xt_tcpudp previously were inside ip_tables module. So, for compatibility,
current kernels handles this module by VE_IP_IPTABLES mask.

>
> 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
> \flipt_length\fR, \flipt_conntrack\fR, \flipt_conntrack_ftp\fR,
> \flipt_conntrack_irc\fR, \flipt_conntrack\fR, \flipt_state\fR,
> \flipt_helper\fR, \fliptable_nat\fR, \flipt_nat_ftp\fR, \flipt_nat_irc\fR,
> -\flipt_REDIRECT\fR \flxt_mac\fR.
> +\flipt_REDIRECT\fR, \flxt_mac\fR, \flxt_tcpudp\fR.
> .TP
> \fBNetwork devices control parameters\fR
> .IP "\fB--netdev_add\fR \fIname\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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Thanks,
Dmitry.
