

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 \flipt_mac\fR.
> +\flipt_REDIRECT\fR, \flipt_mac\fR, \flipt_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.

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