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Subject: AW: AW: Multiple bridge support  
Posted by [dietmar](#) on Thu, 03 Jul 2008 12:30:59 GMT  
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Hi Kir,

> Von: Kir Kolyshkin [mailto:[kir@openvz.org](mailto:kir@openvz.org)]  
> Gesendet: Donnerstag, 03. Juli 2008 13:35  
> An: [users@openvz.org](mailto:users@openvz.org); Dietmar Maurer  
> Betreff: Re: AW: [Users] Multiple bridge support  
>  
> How do you invoke it? Using EXTERNAL\_SCRIPT?  
>  
> Would be good to have a patch adding (conditional?)  
> invocation of vznetaddbr to vznetcfg.

One idea was to add a new global option in vz.conf:

DEF\_BRIDGE=XXXX

If set, we automatically setup the bridge (we need to pass an additional parameter to vznetcfg, but i guess thats no problem at all). That also avoid a hardcoded default bridge name (vmbr0).

Here is the totally untested code. If you like the idea I will test it  
;-)

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```
#!/bin/sh
CONFIGFILE='@PKGCONFDIR@/vz.conf'

[ -f "$CONFIGFILE" ] &&. $CONFIGFILE

VZNETCFG='@PKGCONFDIR@/vznet.conf'

[ -f "$VZNETCFG" ] && . "$VZNETCFG"

usage()
{
    echo >&2 "vznetcfg init veth <dev> [<bridge>]"
}

init_veth()
{
    local dev="$1"
    local bridge="$2"

    if [ -n "$DEV_BRIDGE" ]; then
```

```

if [ ! -n "$bridge" ]; then
    bridge=$DEV_BRIDGE
fi
echo "Adding interface $dev to bridge $bridge on CT0 for
CT$VEID"
/sbin/ifconfig $dev 0
echo 1 > /proc/sys/net/ipv4/conf/$dev/proxy_arp
echo 1 > /proc/sys/net/ipv4/conf/$dev/forwarding
/usr/sbin/brctl addif $bridge $dev
else
    ip link set "$dev" up
fi
}

# Call the external script if defined
if [ -n "$EXTERNAL_SCRIPT" -a -x "$EXTERNAL_SCRIPT" ]; then
    export VEID
    exec "$EXTERNAL_SCRIPT" $@
fi

if test $# -le 2; then
    usage
    exit 0
fi

CMD="$1"
case "$CMD$2" in
    initveth)
        if test $# -le 3; then
            usage
            exit 1
        fi
        init_veth "$3" "$4"
        ;;
    *)
        echo "invalid action"
        exit 1
        ;;
esac
exit 0

```

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