
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]
> Gesendet: Donnerstag, 03. Juli 2008 13:35
> An: 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 (vmbro).

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

```
-----  
#!/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

```
