
Posted by [maxx](#) on Sat, 22 Nov 2008 13:01:26 GMT

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```
# cat /usr/sbin/vznetaddbr
#!/bin/bash
#
# Add virtual network interfaces (veth's) in a container to a bridge on CT0

CONFIGFILE=/etc/vz/conf/$VEID.conf
. $CONFIGFILE

NETIFLIST=$(echo $NETIF | sed 's/;/\n/g')

if [ ! -n "$NETIFLIST" ]; then
    echo "According to $CONFIGFILE, CT$VEID has no veth interface configured."
    exit 1
fi

IFACES=$(echo $NETIFLIST | sed 's/;/\n/g')
for tmp in $IFACES; do
    CTIFNAME=
    CTBRIDGE=
    VZHOSTIF=

    NETIF_OPTIONS=$(echo $tmp | sed 's/;/\n/g')
    for str in $NETIF_OPTIONS; do
        # getting 'ifname' parameter value
        if [[ "$str" =~ ^ifname= ]]; then
            # remove the parameter name from the string (along with '=')
            CTIFNAME=${str#*=}
        fi
        if [[ "$str" =~ ^bridge= ]]; then
            # remove the parameter name from the string (along with '=')
            CTBRIDGE=${str#*=}
        fi
        # getting 'host_ifname' parameter value
        if [[ "$str" =~ ^host_ifname= ]]; then
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        # remove the parameter name from the string (along with '=')
        VZHOSTIF=${str#*=}
    fi
done

if [ "$VZHOSTIF" != "$3" ]; then
    continue
fi
if [ ! -n "$CTBRIDGE" ]; then
    CTBRIDGE=vibr0
fi

echo "Adding interface $VZHOSTIF to bridge $CTBRIDGE on CT0 for CT$VEID"
/sbin/ifconfig $VZHOSTIF 0
echo 1 > /proc/sys/net/ipv4/conf/$VZHOSTIF/proxy_arp
echo 1 > /proc/sys/net/ipv4/conf/$VZHOSTIF/forwarding
/usr/sbin/brctl addif $CTBRIDGE $VZHOSTIF

break
done

exit 0

```

```

/sbin/ifconfig $VZHOSTIF 0
echo 1 > /proc/sys/net/ipv4/conf/$VZHOSTIF/proxy_arp
echo 1 > /proc/sys/net/ipv4/conf/$VZHOSTIF/forwarding
/usr/sbin/brctl addif $CTBRIDGE $VZHOSTIF

```

```

/sbin/ifconfig veth$VEID.0 0
/sbin/ifconfig veth$VEID.1 0

```

```

Configure veth devices: veth101.0 veth101.1
SIOCSIFADDR: No such device
veth101.1: unknown interface: No such device
/usr/sbin/vznetcfg exited with error

```

```
CONFIGFILE=/etc/vz/conf/$VEID.conf  
. $CONFIGFILE
```

```
/sbin/ifconfig veth$VEID.0 0  
/sbin/ifconfig veth$VEID.1 0
```

```
SIOCSIFADDR: No such device  
veth101.1: unknown interface: No such device
```

```
CONFIGFILE=/etc/vz/conf/$VEID.conf  
. $CONFIGFILE
```

```
/sbin/ifconfig veth101.0 0  
/sbin/ifconfig veth101.1 0  
echo 1 > /proc/sys/net/ipv4/conf/veth101.1/proxy_arp  
echo 1 > /proc/sys/net/ipv4/conf/veth101.1/forwarding
```

```
SIOCSIFADDR: No such device  
veth101.1: unknown interface: No such device  
/etc/vz/conf/101.vzbr: line 10: /proc/sys/net/ipv4/conf/veth101.1/proxy_arp: No such file or  
directory  
/etc/vz/conf/101.vzbr: line 11: /proc/sys/net/ipv4/conf/veth101.1/forwarding: No such file or  
directory
```
