Subject: Re: Network settings - differnet address range for containers Posted by naro on Wed, 10 Aug 2011 06:26:42 GMT

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Please replace 11.22.33 with your own common part of IP address range. This is just raw string comparsion so no subnet checking etc.

There is one problem I did not solve yet. The ARP cache. If you move VPS to another hardware node, you must wait about 10 minutes until ARP cache on the gateway is cleared. The gateway is not under my control so I can't clear the cache manually

File: /etc/vz/conf/vps.mount #!/bin/bash # This script source VPS configuration files in the same # order as vzctl does # if one of these files does not exist then something is # really broken [-f /etc/vz/vz.conf] || exit 1 [-f \$VE CONFFILE] || exit 1 # source both files. Note the order, it is important . /etc/vz/vz.conf . \$VE CONFFILE if [-z "\$IP ADDRESS"] then # no IP for this container echo "No IP address for this container" exit 0 fi for IP in \$IP_ADDRESS do if `echo \$IP | grep "11.22.33" 1>/dev/null 2>&1` then # this container uses our IP address range. Check ARP if `arp -n | grep \$IP 1>/dev/null 2>&1` then # command above return 1 if item is not found echo "\$IP is already in ARP table. Weird." else # IP is not in local ARP table. Add. it echo "Adding \$IP to ARP table" arp -i eth0 -Ds \$IP eth0 pub fi

```
fi
done
exit 0
File: /etc/vz/conf/vps.umount
#!/bin/bash
# This script source VPS configuration files in the same
# order as vzctl does
# if one of these files does not exist then something is
# really broken
[-f/etc/vz/vz.conf]|| exit 1
[-f $VE_CONFFILE]|| exit 1
# source both files. Note the order, it is important
. /etc/vz/vz.conf
. $VE CONFFILE
if [ -z "$IP_ADDRESS" ]
then
  # no IP for this container
  echo "No IP address for this container"
  exit 0
fi
for IP in $IP ADDRESS
do
  if `echo $IP | grep "11.22.33" 1>/dev/null 2>&1`
  then
    # this container uses our IP address. Check ARP
    if `arp -n | grep $IP 1>/dev/null 2>&1`
    then
       # IP is in local ARP table. Remove it
       echo "Removing $IP from ARP table"
       arp -i eth0 -d $IP
    else
```

echo "\$IP is not in ARP table. Weird."

fi fi done

exit 0