
Posted by [enpx](#) on Tue, 10 Oct 2006 15:04:56 GMT

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```
[root@m1 ~]# vzctl create 101 --ostemplate altlinux-20060928 --config vps.basic
Creating VE private area: /var/lib/vz/private/101
Performing postcreate actions
VE private area was created
[root@m1 ~]# vzctl create 102 --ostemplate altlinux-20060928 --config vps.basic
Creating VE private area: /var/lib/vz/private/102
Performing postcreate actions
VE private area was created
```

```
[root@m1 ~]# vzctl set 101 --ipadd 192.168.47.1 --save
Saved parameters for VE 101
[root@m1 ~]# vzctl set 102 --ipadd 192.168.47.2 --save
Saved parameters for VE 102
```

```
[root@m1 ~]# vzctl start 101
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.47.1
Setting CPU units: 1000
VE start in progress...
```

```
[root@m1 ~]# vzctl start 102
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.47.2
Setting CPU units: 1000
VE start in progress...
```

```
[root@m1 ~]# vzctl exec 101 ping 192.168.47.2
```

```
[root@m1 ~]# vzctl exec 102 ping 192.168.47.1
connect: Network is unreachable
```

```
root@m1 ~]# vzctl exec 101 ip address
```

```
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
  inet 127.0.0.1/8 scope host lo
  inet6 ::1/128 scope host
    valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
  link/void
  inet 127.0.0.1/32 scope host venet0
  inet 192.168.47.1/32 scope global venet0:1
[root@m1 ~]# vzctl exec 102 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
  inet 127.0.0.1/8 scope host lo
  inet6 ::1/128 scope host
    valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
  link/void
  inet 127.0.0.1/32 scope host venet0
  inet 192.168.47.2/32 scope global venet0:1
[root@m1 ~]# vzctl exec 101 ip route
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
[root@m1 ~]# vzctl exec 102 ip route
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
```

```
[root@m1 ~]# vzctl set 101 --ipadd 192.168.47.1/24 --save
Bad parameter for --ipadd: 192.168.47.1/24
```

Posted by [dim](#) on Tue, 10 Oct 2006 15:20:05 GMT
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sysctl -w net.ipv4.ip_forward=1 ?

Posted by [enpx](#) on Tue, 10 Oct 2006 16:27:55 GMT

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dim wrote on Tue, 10 October 2006 11:20sysctl -w net.ipv4.ip_forward=1 ?

Posted by [enpx](#) on Tue, 10 Oct 2006 17:40:06 GMT

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```
[root@m1 ~]# vzctl create 104 --ostemplate altlinux-3.0 --config vps.basic
Creating VE private area: /var/lib/vz/private/104
Performing postcreate actions
VE private area was created
[root@m1 ~]# vzctl create 105 --ostemplate altlinux-3.0 --config vps.basic
Creating VE private area: /var/lib/vz/private/105
Performing postcreate actions
VE private area was created
[root@m1 ~]# vzctl set 104 --ipadd 192.168.47.4 --save
Saved parameters for VE 104
[root@m1 ~]# vzctl set 105 --ipadd 192.168.47.5 --save
Saved parameters for VE 105
[root@m1 ~]# vzctl start 104
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.47.4
Setting CPU units: 1000
VE start in progress...
[root@m1 ~]# vzctl start 105
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.47.5
Setting CPU units: 1000
VE start in progress...
[root@m1 ~]# vzctl exec 104 ping 192.168.47.5
PING 192.168.47.5 (192.168.47.5) 56(84) bytes of data.
  From 192.168.200.1: icmp_seq=1 Redirect Host(New nexthop: 192.168.47.5)
64 bytes from 192.168.47.5: icmp_seq=1 ttl=64 time=0.293 ms
```

```
From 192.168.200.1: icmp_seq=2 Redirect Host(New nexthop: 192.168.47.5)
64 bytes from 192.168.47.5: icmp_seq=2 ttl=64 time=0.238 ms
From 192.168.200.1: icmp_seq=3 Redirect Host(New nexthop: 192.168.47.5)
64 bytes from 192.168.47.5: icmp_seq=3 ttl=64 time=0.213 ms
```

```
[root@m1 ~]# vzctl exec 105 ping 192.168.47.4
PING 192.168.47.4 (192.168.47.4) 56(84) bytes of data.
From 192.168.200.1: icmp_seq=1 Redirect Host(New nexthop: 192.168.47.4)
64 bytes from 192.168.47.4: icmp_seq=1 ttl=64 time=0.306 ms
From 192.168.200.1: icmp_seq=2 Redirect Host(New nexthop: 192.168.47.4)
64 bytes from 192.168.47.4: icmp_seq=2 ttl=64 time=0.238 ms
```

```
[root@m1 ~]# ip address
2: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
4: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:0c:29:e0:24:34 brd ff:ff:ff:ff:ff:ff
    inet 192.168.46.201/24 brd 192.168.46.255 scope global eth0
    inet6 fe80::20c:29ff:fee0:2434/64 scope link
        valid_lft forever preferred_lft forever
8: eth2: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:0c:29:e0:24:48 brd ff:ff:ff:ff:ff:ff
    inet 192.168.200.1/24 brd 192.168.200.255 scope global eth2
    inet6 fe80::20c:29ff:fee0:2448/64 scope link
        valid_lft forever preferred_lft forever
10: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
13: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
6: eth1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop qlen 1000
    link/ether 00:0c:29:e0:24:3e brd ff:ff:ff:ff:ff:ff
```

```
[root@m1 ~]# vzctl exec 104 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
```

```
inet 127.0.0.1/32 scope host venet0
inet 192.168.47.4/32 scope global venet0:1
[root@m1 ~]# vzctl exec 104 ip route
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
```

```
[root@m1 ~]# vzctl exec 105 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
    inet 192.168.47.5/32 scope global venet0:1
[root@m1 ~]# vzctl exec 105 ip route
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
```

Posted by [dev](#) on Wed, 11 Oct 2006 04:33:47 GMT

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Posted by [enpx](#) on Wed, 11 Oct 2006 06:54:50 GMT
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Posted by [Andrey Mirkin](#) on Wed, 11 Oct 2006 08:41:17 GMT
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veth.

Posted by [enpx](#) on Wed, 11 Oct 2006 14:11:55 GMT
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```
[root@m1 ~]# vzctl create 101 --ostemplate altlinux-sisyphus --config vps.basic
Creating VE private area: /var/lib/vz/private/101
Performing postcreate actions
VE private area was created
[root@m1 ~]# vzctl create 102 --ostemplate altlinux-sisyphus --config vps.basic
Creating VE private area: /var/lib/vz/private/102
Performing postcreate actions
VE private area was created
```

```
[root@m1 ~]# vzctl set 101 --veth_add veth1,00:12:34:56:78:9A,eth0,00:12:34:56:78:9B --save
```

Saved parameters for VE 101

```
[root@m1 ~]# vzctl set 102 --veth_add veth2,00:12:34:56:78:9C,eth0,00:12:34:56:78:9D --save
```

Saved parameters for VE 102

```
[root@m1 ~]# ip link set veth1 up
```

```
[root@m1 ~]# ip link set veth2 up
```

```
[root@m1 ~]# brctl addbr br0
```

```
[root@m1 ~]# brctl addif br0 veth1
```

```
[root@m1 ~]# brctl addif br0 veth2
```

```
[root@m1 ~]# brctl show
```

bridge name	bridge id	STP enabled	interfaces
br0	8000.00123456789a	no	veth1 veth2

```
[root@m1 ~]# vzctl start 101
```

Starting VE ...

VE is mounted

Setting CPU units: 1000

Processing veth devices

VE start in progress...

```
[root@m1 ~]# vzctl start 102
```

Starting VE ...

VE is mounted

Setting CPU units: 1000

Processing veth devices

VE start in progress...

```
[root@m1 ~]# vzctl exec 101 ip address add 192.168.199.1/24 dev eth0
```

```
[root@m1 ~]# vzctl exec 102 ip address add 192.168.199.2/24 dev eth0
```

```
[root@m1 ~]# vzctl exec 101 ip link set eth0 up
```

```
[root@m1 ~]# vzctl exec 102 ip link set eth0 up
```

```
[root@m1 ~]# vzctl exec 101 ping 192.168.199.2
```

```
[root@m1 ~]# vzctl exec 102 ping 192.168.199.1
```

```
[root@m1 ~]# vzctl exec 101 ip address
```

```
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue  
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
  inet 127.0.0.1/8 scope host lo  
  inet6 ::1/128 scope host
```

```
  valid_lft forever preferred_lft forever
```

```
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue  
  link/void
```

```
  inet 127.0.0.1/32 scope host venet0
```

```
5: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue  
  link/ether 00:12:34:56:78:9b brd ff:ff:ff:ff:ff:ff
```

```
inet 192.168.199.1/24 scope global eth0
inet6 fe80::212:34ff:fe56:789b/64 scope link
    valid_lft forever preferred_lft forever
[root@m1 ~]# vzctl exec 101 ip route
192.168.199.0/24 dev eth0 proto kernel scope link src 192.168.199.1
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
[root@m1 ~]# vzctl exec 102 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
5: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue
    link/ether 00:12:34:56:78:9d brd ff:ff:ff:ff:ff:ff
    inet 192.168.199.2/24 scope global eth0
    inet6 fe80::212:34ff:fe56:789d/64 scope link
        valid_lft forever preferred_lft forever
[root@m1 ~]# vzctl exec 102 ip route
192.168.199.0/24 dev eth0 proto kernel scope link src 192.168.199.2
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
```

Posted by [enpx](#) on Wed, 11 Oct 2006 14:17:41 GMT

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```
[quote]
[root@m1 ~]# brctl addbr br0
[root@m1 ~]# brctl addif br0 veth1
[root@m1 ~]# brctl addif br0 veth2
[/quote]
```

```
[root@m1 ~]# ip link set br0 up
```

Posted by [Andrey Mirkin](#) on Wed, 11 Oct 2006 14:26:28 GMT
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enpx wrote on Wed, 11 October 2006 10:11

```
[root@m1 ~]# vzctl create 101 --ostemplate altlinux-sisyphus --config vps.basic
Creating VE private area: /var/lib/vz/private/101
Performing postcreate actions
VE private area was created
[root@m1 ~]# vzctl create 102 --ostemplate altlinux-sisyphus --config vps.basic
Creating VE private area: /var/lib/vz/private/102
Performing postcreate actions
VE private area was created
```

```
[root@m1 ~]# vzctl set 101 --veth_add veth1,00:12:34:56:78:9A,eth0,00:12:34:56:78:9B --save
Saved parameters for VE 101
[root@m1 ~]# vzctl set 102 --veth_add veth2,00:12:34:56:78:9C,eth0,00:12:34:56:78:9D --save
Saved parameters for VE 102
```

```
[root@m1 ~]# ip link set veth1 up
[root@m1 ~]# ip link set veth2 up
```

```
[root@m1 ~]# brctl addbr br0
[root@m1 ~]# brctl addif br0 veth1
[root@m1 ~]# brctl addif br0 veth2
[root@m1 ~]# brctl show
bridge name    bridge id          STP enabled    interfaces
br0            8000.00123456789a  no             veth1
               veth2
```

Quote:

```
[root@m1 ~]# vzctl start 101
Starting VE ...
VE is mounted
Setting CPU units: 1000
Processing veth devices
VE start in progress...
[root@m1 ~]# vzctl start 102
Starting VE ...
VE is mounted
Setting CPU units: 1000
Processing veth devices
VE start in progress...
```

```
[root@m1 ~]# vzctl exec 101 ip address add 192.168.199.1/24 dev eth0
[root@m1 ~]# vzctl exec 102 ip address add 192.168.199.2/24 dev eth0
[root@m1 ~]# vzctl exec 101 ip link set eth0 up
[root@m1 ~]# vzctl exec 102 ip link set eth0 up
[root@m1 ~]# vzctl exec 101 ping 192.168.199.2

[root@m1 ~]# vzctl exec 102 ping 192.168.199.1
```

```
[root@m1 ~]# vzctl exec 101 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
5: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue
    link/ether 00:12:34:56:78:9b brd ff:ff:ff:ff:ff:ff
    inet 192.168.199.1/24 scope global eth0
    inet6 fe80::212:34ff:fe56:789b/64 scope link
        valid_lft forever preferred_lft forever
[root@m1 ~]# vzctl exec 101 ip route
192.168.199.0/24 dev eth0 proto kernel scope link src 192.168.199.1
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
[root@m1 ~]# vzctl exec 102 ip address
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
5: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue
    link/ether 00:12:34:56:78:9d brd ff:ff:ff:ff:ff:ff
    inet 192.168.199.2/24 scope global eth0
    inet6 fe80::212:34ff:fe56:789d/64 scope link
        valid_lft forever preferred_lft forever
[root@m1 ~]# vzctl exec 102 ip route
192.168.199.0/24 dev eth0 proto kernel scope link src 192.168.199.2
192.0.2.0/24 dev venet0 scope host
default via 192.0.2.1 dev venet0
```

Posted by [enpx](#) on Wed, 11 Oct 2006 16:25:18 GMT

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Quote:

link set br0 up

Quote:

Posted by [Andrey Mirkin](#) on Thu, 12 Oct 2006 09:35:08 GMT

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enpx wrote on Wed, 11 October 2006 12:25Quote:

link set br0 up

Quote:

Quote:

Posted by [enpx](#) on Tue, 24 Oct 2006 14:12:06 GMT

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Andrey Mirkin wrote on Wed, 11 October 2006 10:26

Posted by [Andrey Mirkin](#) on Tue, 24 Oct 2006 15:10:15 GMT
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```
/sbin/ifconfig ${dev} up
```

Posted by [enpx](#) on Wed, 25 Oct 2006 07:40:35 GMT
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Posted by [Andrey Mirkin](#) on Wed, 25 Oct 2006 07:50:08 GMT
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