



## Provides LUNs via Fibre Channel and iSCSI To a handful of Exchange 2003 and MS SQL Servers

```

/etc/rc
hostname carbon-a

vif create lacp dmmvf1 -b ip e0a
vif create lacp dmmvf2 -b ip e0b

vif create lacp dmmvf3 -b ip e0c
vif create lacp dmmvf4 -b ip e0d

vif create single svif1 dmmvf1 dmmvf2

vif create single svif2 dmmvf3 dmmvf4

ifconfig svif1 `hostname`-svif1 netmask 255.255.254.0 mediatype auto partner svif1
ifconfig svif2 `hostname`-svif2 netmask 255.255.254.0 mediatype auto partner svif2

route add default 10.111.42.1
routed on
options dns.domainname fhcrc.org
options nis.enable on
options nis.enable off
savecore

```

```

/etc/hosts
10.111.42.50 carbon-a carbon-a-svif1
10.111.42.52 carbon-a-svif2
140.107.42.13 loghost

```

```

carbon-a> ifconfig -a
e0a: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0e (auto-1000t-fd-up) flowcontrol full
trunked dmmvf1
e0b: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0e (auto-1000t-fd-up) flowcontrol full
trunked dmmvf2
e0c: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0f (auto-1000t-fd-up) flowcontrol full
trunked dmmvf3
e0d: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0f (auto-1000t-fd-up) flowcontrol full
trunked dmmvf4
lo: flags=1948049<UP,LOOPBACK,RUNNING,MULTICAST,TCPCCKSUM> mtu 8160
inet 127.0.0.1 netmask 0xffff0000 broadcast 127.0.0.1
ether 00:00:00:00:00:00 (VIA Provider)
dmmvf1: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0e (Enabled virtual interface)
trunked svif1
dmmvf2: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0e (Enabled virtual interface)
trunked svif1
dmmvf3: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0f (Enabled virtual interface)
trunked svif2
dmmvf4: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0f (Enabled virtual interface)
trunked svif2
svif1: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
inet 10.111.42.50 netmask 0xffff00 broadcast 10.111.43.255
partner svif1 (not in use)
ether 02:a0:98:08:11:0e (Enabled virtual interface)
svif2: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
inet 10.111.42.52 netmask 0xffff00 broadcast 10.111.43.255
partner svif2 (not in use)
ether 02:a0:98:08:11:0f (Enabled virtual interface)

```

```

carbon-b> ifconfig -a
e0a: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0a (auto-1000t-fd-up) flowcontrol full
trunked dmmvf1
e0b: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0a (auto-1000t-fd-up) flowcontrol full
trunked dmmvf2
e0c: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0b (auto-1000t-fd-up) flowcontrol full
trunked dmmvf3
e0d: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0b (auto-1000t-fd-up) flowcontrol full
trunked dmmvf4
lo: flags=1948049<UP,LOOPBACK,RUNNING,MULTICAST,TCPCCKSUM> mtu 8160
inet 127.0.0.1 netmask 0xffff0000 broadcast 127.0.0.1
ether 00:00:00:00:00:00 (VIA Provider)
dmmvf1: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0a (Enabled virtual interface)
trunked svif1
dmmvf2: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0a (Enabled virtual interface)
trunked svif1
dmmvf3: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0b (Enabled virtual interface)
trunked svif2
dmmvf4: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
ether 02:a0:98:08:11:0b (Enabled virtual interface)
trunked svif2
svif1: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
inet 10.111.42.51 netmask 0xffff00 broadcast 10.111.43.255
partner svif1 (not in use)
ether 02:a0:98:08:11:0a (Enabled virtual interface)
svif2: flags=948043<UP,BROADCAST,RUNNING,MULTICAST,TCPCCKSUM> mtu 1500
inet 10.111.42.53 netmask 0xffff00 broadcast 10.111.43.255
partner svif2 (not in use)
ether 02:a0:98:08:11:0b (Enabled virtual interface)

```

```

/etc/rc
hostname carbon-b

vif create lacp dmmvf1 -b ip e0a
vif create lacp dmmvf2 -b ip e0b

vif create lacp dmmvf3 -b ip e0c
vif create lacp dmmvf4 -b ip e0d

vif create single svif1 dmmvf1 dmmvf2

vif create single svif2 dmmvf3 dmmvf4

ifconfig svif1 `hostname`-svif1 netmask 255.255.254.0 mediatype auto partner svif1
ifconfig svif2 `hostname`-svif2 netmask 255.255.254.0 mediatype auto partner svif2

route add default 10.111.42.1
routed on
options dns.domainname fhcrc.org
options nis.enable on
options nis.enable off
savecore

```

```

/etc/hosts
127.0.0.1 localhost
10.111.42.51 carbon-b carbon-b-svif1
10.111.42.53 carbon-b-svif2
140.107.42.13 loghost

```

# carbon / Ethernet-IP