
Subject: Re: *SOLVED* How to provide access between Virtual servers

Posted by [zenny](#) on Tue, 12 Dec 2006 11:44:58 GMT

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I have also tried to do the same and added the venet line in the /etc/shorewall/interfaces also but the shorewall just terminates with an error message that reads:

ERROR: Invalid zone (venet) in record "venet venet0 detect routeback"

Where did I go wrong? This is basically based on the 3-interface setup of shorewall. find below the output of iptables -L -nv:

Chain INPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	ACCEPT	all	--	lo	*	0.0.0.0/0	0.0.0.0/0
1049	76734	eth0_in	all	--	eth0	*	0.0.0.0/0	0.0.0.0/0
0	0	eth1_in	all	--	eth1	*	0.0.0.0/0	0.0.0.0/0
0	0	eth2_in	all	--	eth2	*	0.0.0.0/0	0.0.0.0/0
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0

LOG flags 0 level 6 prefix

`Shorewall:INPUT:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
---	---	--------	-----	----	---	---	-----------	-----------

Chain FORWARD (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
387	60317	eth0_fwd	all	--	eth0	*	0.0.0.0/0	0.0.0.0/0
0	0	eth1_fwd	all	--	eth1	*	0.0.0.0/0	0.0.0.0/0
730	313K	eth2_fwd	all	--	eth2	*	0.0.0.0/0	0.0.0.0/0
37	1924	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
37	1924	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0

LOG flags 0 level 6 prefix

`Shorewall:FORWARD:REJECT:'

37	1924	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
----	------	--------	-----	----	---	---	-----------	-----------

Chain OUTPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	ACCEPT	all	--	*	lo	0.0.0.0/0	0.0.0.0/0
0	0	ACCEPT	udp	--	*	eth0	0.0.0.0/0	0.0.0.0/0
816	214K	fw2net	all	--	*	eth0	0.0.0.0/0	0.0.0.0/0
0	0	fw2loc	all	--	*	eth1	0.0.0.0/0	192.168.0.0/24
0	0	fw2loc	all	--	*	eth1	0.0.0.0/0	255.255.255.255
0	0	fw2loc	all	--	*	eth1	0.0.0.0/0	224.0.0.0/4
404	229K	fw2dmz	all	--	*	eth2	0.0.0.0/0	0.0.0.0/0
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0

LOG flags 0 level 6 prefix

`Shorewall:OUTPUT:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0
---	---	--------	-----	----	---	---	-----------	-----------

Chain Drop (4 references)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	reject	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:113
50	6966	drop	Bcast	all	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 3 code 4
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 11
31	6434	drop	Invalid	all	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	multiport dports 135,445
2	156	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpts:137:139
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:137
dpts:1024:65535									
17	944	DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	multiport dports
135,139,445									
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:1900
2	96	drop	NotSyn	tcp	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:53

Chain Reject (13 references)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	reject	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:113
441	271K	drop	Bcast	all	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 3 code 4
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 11
441	271K	drop	Invalid	all	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	reject	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	multiport dports 135,445
0	0	reject	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpts:137:139
0	0	reject	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:137 dpts:1024:65535
0	0	reject	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	multiport dports 135,139,445
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:1900
37	1924	drop	NotSyn	tcp	--	*	0.0.0.0/0	0.0.0.0/0	
0	0	DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:53

Chain all2all (0 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state
RELATED,ESTABLISHED									
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix
`Shorewall:all2all:REJECT:`									
0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	

Chain dmz2all (0 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state
RELATED,ESTABLISHED									
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix
`Shorewall:dmz2all:REJECT:`									

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain dmz2fw (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
RELATED,ESTABLISHED									
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 8
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix
`Shorewall:dmz2fw:REJECT:`									
0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	

Chain dmz2loc (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
RELATED,ESTABLISHED									
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 8
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix
`Shorewall:dmz2loc:REJECT:`									
0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	

Chain dmz2net (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
326	43723	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
RELATED,ESTABLISHED									
0	0	ACCEPT	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:53
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:53
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 8
404	269K	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
404	269K	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix
`Shorewall:dmz2net:REJECT:`									
404	269K	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	

Chain dropBcast (2 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	DROP	all	--	*	*	0.0.0.0/0	81.216.202.223
0	0	DROP	all	--	*	*	0.0.0.0/0	192.168.0.255
0	0	DROP	all	--	*	*	0.0.0.0/0	192.168.1.255
0	0	DROP	all	--	*	*	0.0.0.0/0	255.255.255.255
19	532	DROP	all	--	*	*	0.0.0.0/0	224.0.0.0/4

Chain dropInvalid (2 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
1	40	DROP	all	--	*	*	0.0.0.0/0	0.0.0.0/0	INVALID

Chain dropNotSyn (2 references)

pkts	bytes	target	prot	opt	in	out	source	destination
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0	0	DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp flags: !0x16/0x02
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	

Chain fw2loc (3 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:fw2loc:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain fw2net (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
816	214K	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	ACCEPT	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:53
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:53
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:fw2net:ACCEPT:'

0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain loc2all (0 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:loc2all:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain loc2dmz (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 8
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:loc2dmz:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain loc2fw (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

```

0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 tcp dpt:22
0 0 ACCEPT icmp -- * * 0.0.0.0/0 0.0.0.0/0 icmp type 8
0 0 Reject all -- * * 0.0.0.0/0 0.0.0.0/0
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 LOG flags 0 level 6 prefix
`Shorewall:loc2fw:REJECT:'
0 0 reject all -- * * 0.0.0.0/0 0.0.0.0/0

```

Chain loc2net (1 references)

```

pkts bytes target prot opt in out source destination state
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0

```

Chain logflags (5 references)

```

pkts bytes target prot opt in out source destination
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 LOG flags 4 level 6 prefix
`Shorewall:logflags:DROP:'
0 0 DROP all -- * * 0.0.0.0/0 0.0.0.0/0

```

Chain net2all (0 references)

```

pkts bytes target prot opt in out source destination
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 Drop all -- * * 0.0.0.0/0 0.0.0.0/0
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 LOG flags 0 level 6 prefix
`Shorewall:net2all:DROP:'
:
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 Reject all -- * * 0.0.0.0/0 0.0.0.0/0
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 LOG flags 0 level 6 prefix
`Shorewall:loc2all:REJECT:'
0 0 reject all -- * * 0.0.0.0/0 0.0.0.0/0

```

Chain loc2dmz (1 references)

```

pkts bytes target prot opt in out source destination
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 tcp dpt:22
0 0 ACCEPT icmp -- * * 0.0.0.0/0 0.0.0.0/0 icmp type 8
0 0 Reject all -- * * 0.0.0.0/0 0.0.0.0/0
0 0 LOG all -- * * 0.0.0.0/0 0.0.0.0/0 LOG flags 0 level 6 prefix
`Shorewall:loc2dmz:REJECT:'
0 0 reject all -- * * 0.0.0.0/0 0.0.0.0/0

```

Chain loc2fw (1 references)

```

pkts bytes target prot opt in out source destination
0 0 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state

```

RELATED,ESTABLISHED

0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22
0	0	ACCEPT	icmp	--	*	*	0.0.0.0/0	0.0.0.0/0	icmp type 8
0	0	Reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:loc2fw:REJECT:'

0	0	reject	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain loc2net (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	--------	-----	----	---	---	-----------	-----------	--

Chain logflags (5 references)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 4 level 6 prefix

`Shorewall:logflags:DROP:'

0	0	DROP	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	------	-----	----	---	---	-----------	-----------	--

Chain net2all (0 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
0	0	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	Drop	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:net2all:DROP:'

0	0	DROP	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	------	-----	----	---	---	-----------	-----------	--

Chain net2dmz (1 references)

pkts	bytes	target	prot	opt	in	out	source	destination	state
349	58343	ACCEPT	all	--	*	*	0.0.0.0/0	0.0.0.0/0	state

RELATED,ESTABLISHED

0	0	ACCEPT	udp	--	*	*	0.0.0.0/0	192.168.1.250	udp dpts:5060:5088
0	0	ACCEPT	udp	--	*	*	0.0.0.0/0	192.168.1.250	udp dpts:8000:20000
0	0	ACCEPT	udp	--	*	*	0.0.0.0/0	192.168.1.250	udp dpt:3478
1	50	ACCEPT	udp	--	*	*	0.0.0.0/0	192.168.1.250	udp dpt:4569
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.250	tcp dpt:25
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.250	tcp dpt:110
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.250	tcp dpt:80
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.250	tcp dpt:81
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.250	tcp dpt:22
0	0	ACCEPT	tcp	--	*	*	0.0.0.0/0	192.168.1.204	tcp dpts:80:81
0	0	Drop	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
0	0	LOG	all	--	*	*	0.0.0.0/0	0.0.0.0/0	LOG flags 0 level 6 prefix

`Shorewall:net2dmz:DROP:'

0	0	DROP	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
---	---	------	-----	----	---	---	-----------	-----------	--

Chain net2fw (1 references)

pkts bytes target prot opt in out source

Shall be obliged for help to overcome the problem.
