

FIB Case Study

This section illustrates how interface configuration and routing information are represented within the main and local tables of the FIB.

```
Kernel IP routing table
Destination      Gateway          Genmask          Flags Metric Ref    Use Iface
192.168.2.0     0.0.0.0         255.255.255.0   U      0      0      0 lec0
10.8.0.0        0.0.0.0         255.255.255.0   U      0      0      0 lec8
10.6.0.0        10.8.0.6        255.255.0.0     UG     0      0      0 lec8
10.7.0.0        10.8.0.6        255.255.0.0     UG     0      0      0 lec8
10.4.0.0        10.8.0.6        255.255.0.0     UG     0      0      0 lec8
10.5.0.0        10.8.0.6        255.255.0.0     UG     0      0      0 lec8
127.0.0.0       0.0.0.0         255.0.0.0       U      0      0      0 lo
```

```
lec0      Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:192.168.2.7 Bcast:192.168.2.255 Mask:255.255.255.0
          UP BROADCAST RUNNING MULTICAST MTU:1492 Metric:1
          RX packets:3795 errors:0 dropped:0 overruns:0 frame:0
          TX packets:2726 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:100
          RX bytes:383838 (374.8 Kb) TX bytes:604501 (590.3 Kb)
```

```
lec8      Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.0.7 Bcast:10.255.255.255 Mask:255.255.255.0
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:100
          RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
lec8:0:1  Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.4.7 Bcast:0.0.0.0 Mask:0.0.0.0
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

```
lec8:1:0  Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.5.7 Bcast:0.0.0.0 Mask:0.0.0.0
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

```
lec8:2:0  Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.6.7 Bcast:0.0.0.0 Mask:0.0.0.0
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

```
lec8:3:0  Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.7.7 Bcast:0.0.0.0 Mask:0.0.0.0
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

main_table

ZONE at c7f15840. Hashmask is 0000000f. Order is 24 Nent is 2

The first node represents the routing table entry shown below. Note that the scope is RT_SCOPE_LINK and the state is FN_S_ACCESSED. The value of protocol is RTPROT_KERNEL. DEV flags indicate that the device is up and supports broadcast and multicast.

```
lec0      Link encap:Ethernet  HWaddr 00:00:77:88:A5:A5
          inet addr:192.168.2.7  Bcast:192.168.2.255  Mask:255.255.255.0
          UP BROADCAST RUNNING MULTICAST  MTU:1492  Metric:1
          RX packets:3795 errors:0 dropped:0 overruns:0 frame:0
          TX packets:2726 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:100
          RX bytes:383838 (374.8 Kb)  TX bytes:604501 (590.3 Kb)
```

```
192.168.2.0      0.0.0.0          255.255.255.0  U      0      0          0 lec0
```

Dumping chain 5

```
NODE at c74b8f00. Key c0a80200 tos 0 type 1 scope 253 state 2
INFO at c731ddc0 crf 1 flgs 00 prot 2 psrc c0a80207 pri 0
NH at c731de0c flg 00 scope 254 oif 2 gw 00000000
DEV at c754d800 idx 2 flg 1003 mtu 1492 mac 00.00.77.a5.a5.00
IND at c748bca0 rfct 3
IFA at c1266120 loc c0a80207 adr c0a80207 msk ffffffff00
                sco 0 fl 00 pxln 24 lbl lec0
```

```
lec8      Link encap:Ethernet  HWaddr 00:00:77:88:A5:A5
          inet addr:10.8.0.7  Bcast:10.255.255.255  Mask:255.255.255.0
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:100
          RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)
```

```
10.8.0.0      0.0.0.0      255.255.255.0  U      0      0      0 lec8
```

```
Dumping chain 6
```

```
NODE at c74b8ea0. Key 0a080000 tos 0 type 1 scope 253 state 2
INFO at c57d3b60 crf 1 flgs 00 prot 2 psrc 0a080007 pri 0
NH at c57d3bac flg 00 scope 254 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

```
lec8:2:0 Link encap:Ethernet HWaddr 00:00:77:88:A5:A5
inet addr:10.8.6.7 Bcast:0.0.0.0 Mask:0.0.0.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
```

```
10.6.0.0          10.8.0.6          255.255.0.0      UG        0         0           0 lec8
```

```
ZONE at c13f99e0. Hashmask is 0000000f. Order is 16 Nent is 4
```

```
Dumping chain 4
```

```
NODE at c74b8d80. Key 0a060000 tos 0 type 1 scope 0 state 0
INFO at c57d33e0 crf 1 flgs 00 prot 3 psrc 00000000 pri 0
NH at c57d342c flg 00 scope 253 oif 3 gw 0a080006
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk fffffff0
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

```
Dumping chain 5
```

```
NODE at c74b8d20. Key 0a070000 tos 0 type 1 scope 0 state 0
INFO at c57d33e0 crf 1 flgs 00 prot 3 psrc 00000000 pri 0
NH at c57d342c flg 00 scope 253 oif 3 gw 0a080006
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk fffffff0
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 6

```
NODE at c74b8d40. Key 0a040000 tos 0 type 1 scope 0 state 0
INFO at c57d33e0 crf 1 flgs 00 prot 3 psrc 00000000 pri 0
NH at c57d342c flg 00 scope 253 oif 3 gw 0a080006
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 7

```
NODE at c74b8da0. Key 0a050000 tos 0 type 1 scope 0 state 0
INFO at c57d33e0 crf 1 flgs 00 prot 3 psrc 00000000 pri 0
NH at c57d342c flg 00 scope 253 oif 3 gw 0a080006
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

ZONE at c7f156a0. Hashmask is 0000000f. Order is 8 Nent is 1

Dumping chain 12

NODE at c74b8f60. Key 7f000000 tos 0 type 1 scope 253 state 0

INFO at c7c6fce0 crf 1 flgs 00 prot 3 psrc 00000000 pri 0

NH at c7c6fd2c flg 00 scope 254 oif 1 gw 00000000

DEV at c02db040 idx 1 flg 09 mtu 16436 mac 00.00.00.00.00.00

IND at c7c6fde0 rfct 3

IFA at c12665e0 loc 7f000001 adr 7f000001 msk ff000000

sco 254 fl 00 pxln 8 lbl lo

local_table

ZONE at c7f15640. Hashmask is 0000000f. Order is 32 Nent is 15

Dumping chain 1

NODE at c74b8f20. Key c0a802ff tos 0 type 3 scope 253 state 2
INFO at c731ddc0 crf 1 flgs 00 prot 2 psrc c0a80207 pri 0
NH at c731de0c flg 00 scope 254 oif 2 gw 00000000
DEV at c754d800 idx 2 flg 1003 mtu 1492 mac 00.00.77.a5.a5.00
IND at c748bca0 rfct 3
IFA at c1266120 loc c0a80207 adr c0a80207 msk ffffffff00
sco 0 fl 00 pxln 24 lbl lec0

NODE at c74b8fc0. Key 7fffffff tos 0 type 3 scope 253 state 0
INFO at c7c6f0e0 crf 1 flgs 00 prot 2 psrc 7f000001 pri 0
NH at c7c6f12c flg 00 scope 254 oif 1 gw 00000000
DEV at c02db040 idx 1 flg 09 mtu 16436 mac 00.00.00.00.00.00
IND at c7c6fde0 rfct 3
IFA at c12665e0 loc 7f000001 adr 7f000001 msk ff000000
sco 254 fl 00 pxln 8 lbl lo

Dumping chain 2

NODE at c74b8ec0. Key 0a080007 tos 0 type 2 scope 254 state 2
INFO at c57d3be0 crf 1 flgs 00 prot 2 psrc 0a080007 pri 0
NH at c57d3c2c flg 00 scope 255 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
sco 0 fl 01 pxln 0 lbl lec8:3:0

Dumping chain 3

```
NODE at c74b8e20. Key 0a080407 tos 0 type 2 scope 254 state 2
INFO at c57d3ae0 crf 1 flgs 00 prot 2 psrc 0a080407 pri 0
NH at c57d3b2c flg 00 scope 255 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff0
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

```
NODE at c74b8d60. Key 0a080607 tos 0 type 2 scope 254 state 0
INFO at c57d3ae0 crf 1 flgs 00 prot 2 psrc 0a080407 pri 0
NH at c57d3b2c flg 00 scope 255 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff0
                    sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                    sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                    sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 5

```
NODE at c74b8e80. Key 0a080000 tos 0 type 3 scope 253 state 0
INFO at c57d3b60 crf 1 flgs 00 prot 2 psrc 0a080007 pri 0
NH at c57d3bac flg 00 scope 254 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk fffffff0
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 9

```
NODE at c74b8ee0. Key c0a80200 tos 0 type 3 scope 253 state 0
INFO at c731ddc0 crf 1 flgs 00 prot 2 psrc c0a80207 pri 0
NH at c731de0c flg 00 scope 254 oif 2 gw 00000000
DEV at c754d800 idx 2 flg 1003 mtu 1492 mac 00.00.77.a5.a5.00
IND at c748bca0 rfct 3
IFA at c1266120 loc c0a80207 adr c0a80207 msk fffffff0
                sco 0 fl 00 pxln 24 lbl lec0
```

Dumping chain 10 (Net directed broadcast)

```
NODE at c74b8e60. Key 0affffff tos 0 type 3 scope 253 state 0
INFO at c57d3b60 crf 1 flgs 00 prot 2 psrc 0a080007 pri 0
NH at c57d3bac flg 00 scope 254 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk fffffff0
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

```
NODE at c74b8e00. Key 0affffff tos 0 type 3 scope 253 state 0
INFO at c57d39e0 crf 1 flgs 00 prot 2 psrc 0a080407 pri 0
NH at c57d3a2c flg 00 scope 254 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 11

```
NODE at c74b8dc0. Key 0a080507 tos 0 type 2 scope 254 state 0
INFO at c57d3ae0 crf 1 flgs 00 prot 2 psrc 0a080407 pri 0
NH at c57d3b2c flg 00 scope 255 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

```
NODE at c74b8de0. Key 0a080707 tos 0 type 2 scope 254 state 0
INFO at c57d3ae0 crf 1 flgs 00 prot 2 psrc 0a080407 pri 0
NH at c57d3b2c flg 00 scope 255 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk ffffffff00
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 13 (Subnet directed broadcast)

```
NODE at c74b8e40. Key 0a0800ff tos 0 type 3 scope 253 state 0
INFO at c57d3b60 crf 1 flgs 00 prot 2 psrc 0a080007 pri 0
NH at c57d3bac flg 00 scope 254 oif 3 gw 00000000
DEV at c7338800 idx 3 flg 1003 mtu 1500 mac 00.00.77.a5.a5.00
IND at c731d8c0 rfct 7
IFA at c73358a0 loc 0a080007 adr 0a080007 msk fffffff0
                sco 0 fl 00 pxln 24 lbl lec8
IFA at c73357e0 loc 0a080407 adr 0a080407 msk 00000000
                sco 0 fl 00 pxln 0 lbl lec8:0:1
IFA at c7335760 loc 0a080507 adr 0a080507 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:1:0
IFA at c7335720 loc 0a080607 adr 0a080607 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:2:0
IFA at c73356e0 loc 0a080707 adr 0a080707 msk 00000000
                sco 0 fl 01 pxln 0 lbl lec8:3:0
```

Dumping chain 14

```
NODE at c74b8f80. Key 7f000000 tos 0 type 3 scope 253 state 0
INFO at c7c6f0e0 crf 1 flgs 00 prot 2 psrc 7f000001 pri 0
NH at c7c6f12c flg 00 scope 254 oif 1 gw 00000000
DEV at c02db040 idx 1 flg 09 mtu 16436 mac 00.00.00.00.00.00
IND at c7c6fde0 rfct 3
IFA at c12665e0 loc 7f000001 adr 7f000001 msk ff000000
                sco 254 fl 00 pxln 8 lbl lo
```

```
NODE at c74b8f40. Key c0a80207 tos 0 type 2 scope 254 state 2
INFO at c731de40 crf 1 flgs 00 prot 2 psrc c0a80207 pri 0
NH at c731de8c flg 00 scope 255 oif 2 gw 00000000
DEV at c754d800 idx 2 flg 1003 mtu 1492 mac 00.00.77.a5.a5.00
IND at c748bca0 rfct 3
IFA at c1266120 loc c0a80207 adr c0a80207 msk fffffff0
                sco 0 fl 00 pxln 24 lbl lec0
```

Dumping chain 15

NODE at c74b8fe0. Key 7f000001 tos 0 type 2 scope 254 state 2
INFO at c7c6f160 crf 1 flgs 00 prot 2 psrc 7f000001 pri 0
NH at c7c6f1ac flg 00 scope 255 oif 1 gw 00000000
DEV at c02db040 idx 1 flg 09 mtu 16436 mac 00.00.00.00.00.00
IND at c7c6fde0 rfct 3
IFA at c12665e0 loc 7f000001 adr 7f000001 msk ff000000
sco 254 fl 00 pxln 8 lbl lo

ZONE at c7f15660. Hashmask is 0000000f. Order is 8 Nent is 1

Dumping chain 12

NODE at c74b8fa0. Key 7f000000 tos 0 type 2 scope 254 state 0
INFO at c7c6f160 crf 1 flgs 00 prot 2 psrc 7f000001 pri 0
NH at c7c6f1ac flg 00 scope 255 oif 1 gw 00000000
DEV at c02db040 idx 1 flg 09 mtu 16436 mac 00.00.00.00.00.00
IND at c7c6fde0 rfct 3
IFA at c12665e0 loc 7f000001 adr 7f000001 msk ff000000
sco 254 fl 00 pxln 8 lbl lo