

```
m1 (machine-debian-lenny-sid-2008) - □ x
--- 128.128.128.3 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1008ms
rtt min/avg/max/mdev = 1.253/11.532/21.811/10.279 ms
m1:~# ifconfig
eth0      Link encap:Ethernet  HWaddr 02:04:06:1e:35:87
          inet addr:128.128.128.1  Bcast:128.128.255.255  Mask:255.255.0.0
          inet6 addr: fe80::4:6ff:fe1e:3587/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:91 errors:0 dropped:0 overruns:0 frame:0
          TX packets:52 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2824 (2.7 KiB)  TX bytes:2574 (2.5 KiB)
          Interrupt:5

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:41 errors:0 dropped:0 overruns:0 frame:0
          TX packets:41 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:1154 (1.1 KiB)  TX bytes:1154 (1.1 KiB)

m1:~#
```

```
m3 (machine-debian-lenny-sid-2008) - □ x
          collisions:0 txqueuelen:0
          RX bytes:650 (650.0 B)  TX bytes:650 (650.0 B)

m3:~# ifconfig
eth0      Link encap:Ethernet  HWaddr 02:04:06:76:94:8b
          inet addr:128.128.128.3  Bcast:128.128.255.255  Mask:255.255.0.0
          inet6 addr: fe80::4:6ff:fe76:948b/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:88 errors:0 dropped:0 overruns:0 frame:0
          TX packets:49 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2628 (2.5 KiB)  TX bytes:2336 (2.2 KiB)
          Interrupt:5

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:41 errors:0 dropped:0 overruns:0 frame:0
          TX packets:41 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:1154 (1.1 KiB)  TX bytes:1154 (1.1 KiB)

m3:~#
```

```

0000 DATA END WITH '.'
Hash: 0012 Addr: 02:04:06:1e:35:87 VLAN 0000 to port: 004 age 14 secs
Hash: 0053 Addr: 02:04:06:24:11:f4 VLAN 0000 to port: 001 age 14 secs
Hash: 0069 Addr: 02:04:06:76:94:8b VLAN 0000 to port: 002 age 14 secs
.
1000 Success

vde$ help
0000 DATA END WITH '.'
COMMAND PATH      SYNTAX      HELP
-----
ds                ===== DATA SOCKET MENU
ds/showinfo       show ds info
help              [arg]        Help (limited to arg when specified)
logout            logout from this mgmt terminal
shutdown          shutdown of the switch
showinfo          show switch version and info
load              path          load a configuration script
debug             ===== DEBUG MENU
debug/list        list debug categories
debug/add         dbgpath       enable debug info for a given category
debug/del         dbgpath       disable debug info for a given category
plugin            ===== PLUGINS MENU
plugin/list       list plugins
plugin/add        library      load a plugin
plugin/del        name         unload a plugin
hash              ===== HASH TABLE MENU
hash/showinfo     show hash info
hash/setsize      N            change hash size
hash/setgcint     N            change garbage collector interval
hash/setexpire    N            change hash entries expire time
hash/setminper    N            minimum persistence time
hash/print        print the hash table
hash/find         MAC [VLAN]    MAC lookup
fstp              ===== FAST SPANNING TREE MENU
fstp/showinfo     show fstp info
fstp/setfstp      0/1          Fast spanning tree protocol 1=ON 0=OFF
fstp/setedge      VLAN PORT 1/0 Define an edge port for a vlan 1=Y 0=N
fstp/bonus        VLAN PORT COST set the port bonus for a vlan
fstp/print        [N]          print fst data for the defined vlan
port              ===== PORT STATUS MENU
port/showinfo     show port info
port/setnumports  N            set the number of ports
port/sethub       0/1          1=HUB 0=switch
port/setvlan      N VLAN       set port VLAN (untagged)
port/createauto   create a port with an automatically allocated id (inactive/notallocatable)
port/create       N            create the port N (inactive/notallocatable)
port/remove       N            remove the port N
port/allocatable  N 0/1        Is the port allocatable as unnamed? 1=Y 0=N
port/setuser      N user       access control: set user
port/setgroup     N user       access control: set group
port/epclose      N ID         remove the endpoint port N/id ID
port/resetcounter [N]         reset the port (N) counters
port/print        [N]         print the port/endpoint table
port/allprint     [N]         print the port/endpoint table (including inactive port)
vlan              ===== VLAN MANAGEMENT MENU
vlan/create       N            create the VLAN with tag N
vlan/remove       N            remove the VLAN with tag N
vlan/addport      N PORT       add port to the vlan N (tagged)
vlan/delport      N PORT       add port to the vlan N (tagged)
vlan/print        [N]         print the list of defined vlan
vlan/allprint     [N]         print the list of defined vlan (including inactive port)
.
1000 Success

vde$ hash/showinfo
0000 DATA END WITH '.'
Hash size 128
GC interval 2 secs
GC expire 100 secs
Min persistence 3 secs
.
1000 Success

vde$

```

m2 (machine-debian-lenny-sid-2008)

```
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
ifm2:~# ifconfig
eth0      Link encap:Ethernet  HWaddr 02:04:06:24:11:f4
          inet addr:128.128.128.2  Bcast:128.128.255.255  Mask:255.255.0.0
          inet6 addr: fe80::4:6ff:fe24:11f4/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:22 errors:0 dropped:0 overruns:0 frame:0
          TX packets:11 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:948 (948.0 B)  TX bytes:628 (628.0 B)
          Interrupt:5

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:13 errors:0 dropped:0 overruns:0 frame:0
          TX packets:13 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:650 (650.0 B)  TX bytes:650 (650.0 B)

m2:~# █
```

S1 terminal

```
vde$ hash/print
0000 DATA END WITH '.'
Hash: 0012 Addr: 02:04:06:1e:35:87 VLAN 0000 to port: 004 age 33 secs
Hash: 0053 Addr: 02:04:06:24:11:f4 VLAN 0000 to port: 001 age 32 secs
Hash: 0069 Addr: 02:04:06:76:94:8b VLAN 0000 to port: 002 age 32 secs
*
1000 Success

vde$ clear
1038 Function not implemented

vde$ clear
1038 Function not implemented

vde$ hash/print
0000 DATA END WITH '.'
Hash: 0012 Addr: 02:04:06:1e:35:87 VLAN 0000 to port: 004 age 42 secs
Hash: 0053 Addr: 02:04:06:24:11:f4 VLAN 0000 to port: 001 age 41 secs
Hash: 0069 Addr: 02:04:06:76:94:8b VLAN 0000 to port: 002 age 41 secs
*
1000 Success

vde$ █
```