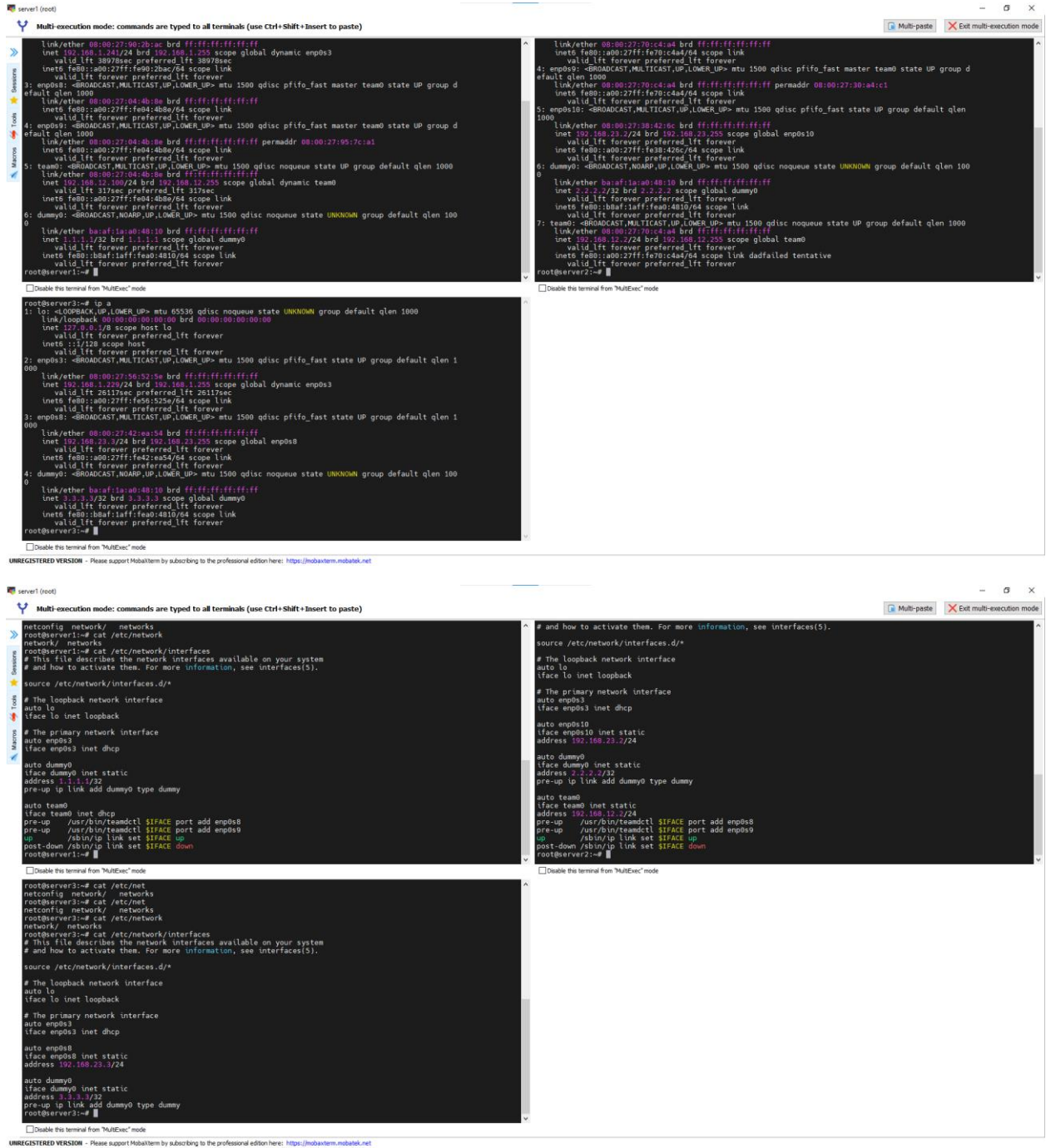# ДЗ к уроку 4

server1 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)

Multi-paste   Exit multi-execution mode

```
link/ether 08:00:27:90:2b:ac brd ff:ff:ff:ff:ff:ff
inet 192.168.1.241/24 brd 192.168.1.255 scope global dynamic enp0s3
   valid_lft 38978sec preferred_lft 38978sec
inet6 fe80::a00:27ff:fe90:2bac/64 scope link
   valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast master team0 state UP group d
efault qlen 1000
   link/ether 08:00:27:04:4b:8e brd ff:ff:ff:ff:ff:ff
   inet6 fe80::a00:27ff:fe04:4b8e/64 scope link
      valid_lft forever preferred_lft forever
4: enp0s9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast master team0 state UP group d
efault qlen 1000
   link/ether 08:00:27:04:4b:8e brd ff:ff:ff:ff:ff:ff permaddr 08:00:27:95:7c:a1
   inet6 fe80::a00:27ff:fe04:4b8e/64 scope link
      valid_lft forever preferred_lft forever
5: team0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
   link/ether 08:00:27:04:4b:8e brd ff:ff:ff:ff:ff:ff
   inet 192.168.12.100/24 brd 192.168.12.255 scope global dynamic team0
      valid_lft 317sec preferred_lft 317sec
   inet6 fe80::a00:27ff:fe04:4b8e/64 scope link
      valid_lft forever preferred_lft forever
6: dummy0: <BROADCAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue state UNKNOWN group default qlen 100
0
   link/ether ba:af:1a:a0:48:10 brd ba:af:1a:a0:48:10
   inet 1.1.1.1/32 brd 1.1.1.1 scope global dummy0
      valid_lft forever preferred_lft forever
   inet6 fe80::b8af:1aff:fea0:4810/64 scope link
      valid_lft forever preferred_lft forever
root@server1:~#
```

```
link/ether 08:00:27:70:c4:a4 brd ff:ff:ff:ff:ff:ff
inet6 fe80::a00:27ff:fe70:c4a4/64 scope link
   valid_lft forever preferred_lft forever
4: enp0s9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast master team0 state UP group d
efault qlen 1000
   link/ether 08:00:27:70:c4:a4 brd ff:ff:ff:ff:ff:ff permaddr 08:00:27:30:a4:c1
   inet6 fe80::a00:27ff:fe70:c4a4/64 scope link
      valid_lft forever preferred_lft forever
5: enp0s10: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen
1000
   link/ether 08:00:27:38:42:6c brd ff:ff:ff:ff:ff:ff
   inet 192.168.23.2/24 brd 192.168.23.255 scope global enp0s10
      valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe38:426c/64 scope link
      valid_lft forever preferred_lft forever
6: dummy0: <BROADCAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue state UNKNOWN group default qlen 100
0
   link/ether ba:af:1a:a0:48:10 brd ba:af:1a:a0:48:10
   inet 2.2.2.2/32 brd 2.2.2.2 scope global dummy0
      valid_lft forever preferred_lft forever
   inet6 fe80::b8af:1aff:fea0:4810/64 scope link
      valid_lft forever preferred_lft forever
7: team0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
   link/ether 08:00:27:70:c4:a4 brd ff:ff:ff:ff:ff:ff
   inet 192.168.12.2/24 brd 192.168.12.255 scope global team0
      valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe70:c4a4/64 scope link dadfailed tentative
      valid_lft forever preferred_lft forever
root@server2:~#
```

Disable this terminal from "MultiExec" mode

```
root@server3:~# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 scope host lo
      valid_lft forever preferred_lft forever
   inet6 ::1/128 scope host
      valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1
000
   link/ether 08:00:27:56:52:5e brd ff:ff:ff:ff:ff:ff
   inet 192.168.1.229/24 brd 192.168.1.255 scope global dynamic enp0s3
      valid_lft 26117sec preferred_lft 26117sec
   inet6 fe80::a00:27ff:fe56:525e/64 scope link
      valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1
000
   link/ether 08:00:27:42:ea:54 brd ff:ff:ff:ff:ff:ff
   inet 192.168.23.3/24 brd 192.168.23.255 scope global enp0s8
      valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe42:ea54/64 scope link
      valid_lft forever preferred_lft forever
4: dummy0: <BROADCAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue state UNKNOWN group default qlen 100
0
   link/ether ba:af:1a:a0:48:10 brd ba:af:1a:a0:48:10
   inet 3.3.3.3/32 brd 3.3.3.3 scope global dummy0
      valid_lft forever preferred_lft forever
   inet6 fe80::b8af:1aff:fea0:4810/64 scope link
      valid_lft forever preferred_lft forever
root@server3:~#
```

Disable this terminal from "MultiExec" mode

server1 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)

Multi-paste   Exit multi-execution mode

```
netconfig  network/   networks
root@server1:~# cat /etc/network
network/   networks
root@server1:~# cat /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto dummy0
iface dummy0 inet static
address 1.1.1.1/32
pre-up ip link add dummy0 type dummy

auto team0
iface team0 inet dhcp
pre-up    /usr/bin/teamdctl $IFACE port add enp0s8
pre-up    /usr/bin/teamdctl $IFACE port add enp0s9
up        /sbin/ip link set $IFACE up
post-down /sbin/ip link set $IFACE down
root@server1:~#
```

```
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s10
iface enp0s10 inet static
address 192.168.23.2/24

auto dummy0
iface dummy0 inet static
address 2.2.2.2/32
pre-up ip link add dummy0 type dummy

auto team0
iface team0 inet static
address 192.168.12.2/24
pre-up    /usr/bin/teamdctl $IFACE port add enp0s8
pre-up    /usr/bin/teamdctl $IFACE port add enp0s9
up        /sbin/ip link set $IFACE up
post-down /sbin/ip link set $IFACE down
root@server2:~#
```

Disable this terminal from "MultiExec" mode

```
root@server3:~# cat /etc/net
netconfig  network/   networks
root@server3:~# cat /etc/net
netconfig  network/   networks
root@server3:~# cat /etc/network
network/   networks
root@server3:~# cat /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s8
iface enp0s8 inet static
address 192.168.23.3/24

auto dummy0
iface dummy0 inet static
address 3.3.3.3/32
pre-up ip link add dummy0 type dummy
root@server3:~#
```

Disable this terminal from "MultiExec" mode

server1 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)   Multi-paste   Exit multi-execution mode

Terminal 1 (top-left):
```
pre-up    /usr/bin/teamdctl $IFACE port add enp0s9
up        /sbin/ip link set $IFACE up
post-down /sbin/ip link set $IFACE down
root@server1:~# cat /etc/systemd/system/
dbus-org.freedesktop.timesync1.service   sockets.target.wants/
default.target.wants/                    sshd.service
getty.target.wants/                      sysinit.target.wants/
multi-user.target.wants/                 syslog.service
networking.service.wants/                teamd@.service
network-online.target.wants/             timers.target.wants/
remote-fs.target.wants/
root@server1:~# cat /etc/systemd/system/teamd@.service
[Unit]
Description=Team Daemon for device %I
Wants=network-pre.target
Before=network-pre.target
ConditionPathExists=/etc/teamd.d/%i.conf

[Install]
WantedBy=networking.service

[Service]
BusName=org.libteam.teamd.%i
ExecStart=/usr/bin/teamd -U -D -o -t %i -f /etc/teamd.d/%i.conf
ExecStop=/usr/bin/teamd -t %i -k
Restart=on-failure
RestartPreventExitStatus=1
Nice=-20
root@server1:~#
```
☐ Disable this terminal from "MultiExec" mode

Terminal 2 (top-right):
```
pre-up    /usr/bin/teamdctl $IFACE port add enp0s8
pre-up    /usr/bin/teamdctl $IFACE port add enp0s9
up        /sbin/ip link set $IFACE up
post-down /sbin/ip link set $IFACE down
root@server2:~# cat /etc/systemd/system/
dbus-org.freedesktop.timesync1.service   sshd.service
default.target.wants/                    sysinit.target.wants/
getty.target.wants/                      syslog.service
networking.service.wants/                teamd@.service
network-online.target.wants/             timers.target.wants/
network-online.target.wants/
root@server2:~# cat /etc/systemd/system/teamd@.service
[Unit]
Description=Team Daemon for device %I
Wants=network-pre.target
Before=network-pre.target
ConditionPathExists=/etc/teamd.d/%i.conf

[Install]
WantedBy=networking.service

[Service]
BusName=org.libteam.teamd.%i
ExecStart=/usr/bin/teamd -U -D -o -t %i -f /etc/teamd.d/%i.conf
ExecStop=/usr/bin/teamd -t %i -k
Restart=on-failure
RestartPreventExitStatus=1
Nice=-20
root@server2:~#
```
☐ Disable this terminal from "MultiExec" mode

Terminal 3 (bottom-left):
```
source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s8
iface enp0s8 inet static
address 192.168.23.3/24

auto dummy0
iface dummy0 inet static
address 3.3.3.3/32
pre-up ip link add dummy0 type dummy
root@server3:~# cat /etc/systemd/system/
bind9.service                            remote-fs.target.wants/
dbus-org.freedesktop.timesync1.service   sockets.target.wants/
default.target.wants/                    sshd.service
getty.target.wants/                      sysinit.target.wants/
multi-user.target.wants/                 syslog.service
network-online.target.wants/             timers.target.wants/
root@server3:~# cat /etc/systemd/system/te
cat: /etc/systemd/system/te: No such file or directory
root@server3:~#
```
☐ Disable this terminal from "MultiExec" mode

19:49 ENG 12.09.2021

---

server1 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)   Multi-paste   Exit multi-execution mode

Terminal 1 (top-left):
```
[Install]
WantedBy=networking.service

[Service]
BusName=org.libteam.teamd.%i
ExecStart=/usr/bin/teamd -U -D -o -t %i -f /etc/teamd.d/%i.conf
ExecStop=/usr/bin/teamd -t %i -k
Restart=on-failure
RestartPreventExitStatus=1
Nice=-20
root@server1:~# cat
cat        catchsegv  catman
root@server1:~# cat
cat        catchsegv  catman
root@server1:~# cat /etc/teamd.d/team0.conf
{
    "device": "team0",
    "runner": {
        "name": "loadbalance",
        "active": true,
        "fast_rate": true,
        "tx_hash": ["eth", "ipv4", "ipv6"]
    },
    "link_watch": {
        "name": "ethtool"
    }
}
root@server1:~#
```
☐ Disable this terminal from "MultiExec" mode

Terminal 2 (top-right):
```
[Install]
WantedBy=networking.service

[Service]
BusName=org.libteam.teamd.%i
ExecStart=/usr/bin/teamd -U -D -o -t %i -f /etc/teamd.d/%i.conf
ExecStop=/usr/bin/teamd -t %i -k
Restart=on-failure
RestartPreventExitStatus=1
Nice=-20
root@server2:~# cat
cat        catchsegv  catman
root@server2:~# cat
cat        catchsegv  catman
root@server2:~# cat /etc/teamd.d/team0.conf
{
    "device": "team0",
    "runner": {
        "name": "loadbalance",
        "active": true,
        "fast_rate": true,
        "tx_hash": ["eth", "ipv4", "ipv6"]
    },
    "link_watch": {
        "name": "ethtool"
    }
}
root@server2:~#
```
☐ Disable this terminal from "MultiExec" mode

Terminal 3 (bottom-left):
```
# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s8
iface enp0s8 inet static
address 192.168.23.3/24

auto dummy0
iface dummy0 inet static
address 3.3.3.3/32
pre-up ip link add dummy0 type dummy
root@server3:~# cat /etc/systemd/system/
bind9.service                            remote-fs.target.wants/
dbus-org.freedesktop.timesync1.service   sshd.service
default.target.wants/                    sysinit.target.wants/
getty.target.wants/                      syslog.service
multi-user.target.wants/                 timers.target.wants/
network-online.target.wants/
root@server3:~# cat /etc/systemd/system/te
cat: /etc/systemd/system/te: No such file or directory
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/terminfo/
cat: /etc/t: No such file or directory
cat: /etc/terminfo/: Is a directory
root@server3:~#
```
☐ Disable this terminal from "MultiExec" mode

```
        state
        state dump
        state view
        state item get ITEMPATH
        state item set ITEMPATH VALUE
        port add PORTDEV
        port remove PORTDEV
        port present PORTDEV
        port config update PORTDEV PORTCONFIG
        port config dump PORTDEV
root@server1:~# teamdctl team0 state
setup:
    runner: loadbalance
ports:
    enp0s8
        link watches:
            link summary: up
            instance[link_watch_0]:
                name: ethtool
                link: up
                down count: 0
    enp0s9
        link watches:
            link summary: up
            instance[link_watch_0]:
                name: ethtool
                link: up
                down count: 0
root@server1:~#
```

Disable this terminal from "MultiExec" mode

```
        state
        state dump
        state view
        state item get ITEMPATH
        state item set ITEMPATH VALUE
        port add PORTDEV
        port remove PORTDEV
        port present PORTDEV
        port config update PORTDEV PORTCONFIG
        port config dump PORTDEV
root@server2:~# teamdctl team0 state
setup:
    runner: loadbalance
ports:
    enp0s8
        link watches:
            link summary: up
            instance[link_watch_0]:
                name: ethtool
                link: up
                down count: 0
    enp0s9
        link watches:
            link summary: up
            instance[link_watch_0]:
                name: ethtool
                link: up
                down count: 0
root@server2:~#
```

Disable this terminal from "MultiExec" mode

```
# The primary network interface
auto enp0s3
iface enp0s3 inet dhcp

auto enp0s8
iface enp0s8 inet static
address 192.168.23.3/24

auto dummy0
iface dummy0 inet static
address 3.3.3.3/32
pre-up ip link add dummy0 type dummy
root@server3:~# cat /etc/systemd/system/
bind9.service                      remote-fs.target.wants/
dbus-org.freedesktop.timesync1.service  sockets.target.wants/
default.target.wants/              sshd.service
getty.target.wants/                sysinit.target.wants/
multi-user.target.wants/           syslog.service
network-online.target.wants/       timers.target.wants/
root@server3:~# cat /etc/systemd/system/te
cat: /etc/systemd/system/te: No such file or directory
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/t /etc/terminfo/
cat: /etc/t: No such file or directory
cat: /etc/terminfo/: Is a directory
root@server3:~#
```

☑ Disable this terminal from "MultiExec" mode

Terminal   Sessions   View   X server   Tools   Games   Settings   Macros   Help

Session   Servers   Tools   Games   Sessions   View   Split   MultiExec   Tunneling   Packages   Settings   Help   X server   Exit

Quick connect...   2. server1 (root)   3. server2 (root)   4. server3 (root)

```
    # allocated dynamically (if possible), but the host-specific information
 >> # will still come from the host declaration.

    #host passacaglia {
    #   hardware ethernet 0:0:c0:5d:bd:95;
    #   filename "vmunix.passacaglia";
    #   server-name "toccata.example.com";
    #}

    # Fixed IP addresses can also be specified for hosts.  These addresses
    # should not also be listed as being available for dynamic assignment.
    # Hosts for which fixed IP addresses have been specified can boot using
    # BOOTP or DHCP.   Hosts for which no fixed address is specified can only
    # be booted with DHCP, unless there is an address range on the subnet
    # to which a BOOTP client is connected which has the dynamic-bootp flag
    # set.
    #host fantasia {
    #   hardware ethernet 08:00:07:26:c0:a5;
    #   fixed-address fantasia.example.com;
    #}

    # You can declare a class of clients and then do address allocation
    # based on that.   The example below shows a case where all clients
    # in a certain class get addresses on the 10.17.224/24 subnet, and all
    # other clients get addresses on the 10.0.29/24 subnet.

    #class "foo" {
    #   match if substring (option vendor-class-identifier, 0, 4) = "SUNW";
    #}

    #shared-network 224-29 {
    #  subnet 10.17.224.0 netmask 255.255.255.0 {
    #    option routers rtr-224.example.org;
    #  }
    #  subnet 10.0.29.0 netmask 255.255.255.0 {
    #    option routers rtr-29.example.org;
    #  }
    #  pool {
    #    allow members of "foo";
    #    range 10.17.224.10 10.17.224.250;
    #  }
    #  pool {
    #    deny members of "foo";
    #    range 10.0.29.10 10.0.29.230;
    #  }
    #}
    option rfc3442-classless-static-routes code 121 = array of integer 8;
    option ms-classless-static-routes code 249 = array of integer 8;
    subnet 192.168.12.0 netmask 255.255.255.0 {
      range 192.168.12.100 192.168.12.199;
      option domain-name-servers 3.3.3.3;
      option routers 192.168.12.2;
      option broadcast-address 192.168.12.255;
      option rfc3442-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
      option ms-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
      default-lease-time 600;
      max-lease-time 7200;
    }
    root@server2:~#
```

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)   Multi-paste   Exit multi-execution mode

```
      state item get ITEMPATH
      state item set ITEMPATH VALUE
      port add PORTDEV
      port remove PORTDEV
      port present PORTDEV
      port config update PORTDEV PORTCONFIG
      port config dump PORTDEV
 root@server1:~# teamdctl team0 state
 setup:
    runner: loadbalance
 ports:
    enp0s8
      link watches:
        link summary: up
        instance[link_watch_0]:
          name: ethtool
          link: up
          down count: 0
    enp0s9
      link watches:
        link summary: up
        instance[link_watch_0]:
          name: ethtool
          link: up
          down count: 0
 root@server1:~# ip route get 4.4.4.4
 4.4.4.4 via 192.168.12.2 dev team0 src 192.168.12.100 uid 0
      cache
 root@server1:~#
```

☐ Disable this terminal from "MultiExec" mode

```
 #  }
 #  subnet 10.0.29.0 netmask 255.255.255.0 {
 #    option routers rtr-29.example.org;
 #  }
 #  pool {
 #    allow members of "foo";
 #    range 10.17.224.10 10.17.224.250;
 #  }
 #  pool {
 #    deny members of "foo";
 #    range 10.0.29.10 10.0.29.230;
 #  }
 #}
 option rfc3442-classless-static-routes code 121 = array of integer 8;
 option ms-classless-static-routes code 249 = array of integer 8;
 subnet 192.168.12.0 netmask 255.255.255.0 {
   range 192.168.12.100 192.168.12.199;
   option domain-name-servers 3.3.3.3;
   option routers 192.168.12.2;
   option broadcast-address 192.168.12.255;
   option rfc3442-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
   option ms-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
   default-lease-time 600;
   max-lease-time 7200;
 }
 root@server2:~# ip route get 4.4.4.4
 4.4.4.4 via 192.168.1.1 dev enp0s3 src 192.168.1.142 uid 0
      cache
 root@server2:~#
```

☐ Disable this terminal from "MultiExec" mode

```
 auto enp0s8
 iface enp0s8 inet static
 address 192.168.23.3/24

 auto dummy0
 iface dummy0 inet static
 address 3.3.3.3/32
 pre-up ip link add dummy0 type dummy
 root@server3:~# cat /etc/systemd/system/
 bind9.service                    remote-fs.target.wants/
 dbus-org.freedesktop.timesync1.service   sockets.target.wants/
 default.target.wants/            sshd.service
 getty.target.wants/              sysinit.target.wants/
 multi-user.target.wants/         syslog.service
 network-online.target.wants/     timers.target.wants/
 root@server3:~# cat /etc/systemd/system/te
 cat: /etc/systemd/system/te: No such file or directory
 root@server3:~# cat /etc/t
 terminfo/   timezone    tmpfiles.d/
 root@server3:~# cat /etc/t
 terminfo/   timezone    tmpfiles.d/
 root@server3:~# cat /etc/t /etc/terminfo/
 cat: /etc/t: No such file or directory
 cat: /etc/terminfo/: Is a directory
 root@server3:~# ip route get 4.4.4.4
 4.4.4.4 via 192.168.1.1 dev enp0s3 src 192.168.1.229 uid 0
      cache
 root@server3:~#
```

☐ Disable this terminal from "MultiExec" mode

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)

Multi-paste   Exit multi-execution mode

```
        port remove PORTDEV
        port present PORTDEV
        port config update PORTDEV PORTCONFIG
        port config dump PORTDEV
root@server1:~# teamdctl team0 state
setup:
  runner: loadbalance
ports:
  enp0s8
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
  enp0s9
    link watches:
      link summary: up
      instance[link_watch_0]:
        name: ethtool
        link: up
        down count: 0
root@server1:~# ip route get 4.4.4.4
4.4.4.4 via 192.168.12.2 dev team0 src 192.168.12.100 uid 0
    cache
root@server1:~# ip route get 5.5.5.0
5.5.5.0 via 192.168.12.2 dev team0 src 192.168.12.100 uid 0
    cache
root@server1:~#
```

☐ Disable this terminal from "MultiExec" mode

```
#  }
#  pool {
#    allow members of "foo";
#    range 10.17.224.10 10.17.224.250;
#  }
#  pool {
#    deny members of "foo";
#    range 10.0.29.10 10.0.29.230;
#  }
#}
option rfc3442-classless-static-routes code 121 = array of integer 8;
option ms-classless-static-routes code 249 = array of integer 8;
subnet 192.168.12.0 netmask 255.255.255.0 {
  range 192.168.12.100 192.168.12.199;
  option domain-name-servers 3.3.3.3;
  option routers 192.168.12.2;
  option broadcast-address 192.168.12.255;
  option rfc3442-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
  option ms-classless-static-routes 24, 5, 5, 5, 192, 168, 12, 2, 32, 4, 4, 4, 4, 192, 168, 12, 2;
  default-lease-time 600;
  max-lease-time 7200;
}
root@server2:~# ip route get 4.4.4.4
4.4.4.4 via 192.168.1.1 dev enp0s3 src 192.168.1.142 uid 0
    cache
root@server2:~# ip route get 5.5.5.0
5.5.5.0 via 192.168.1.1 dev enp0s3 src 192.168.1.142 uid 0
    cache
root@server2:~#
```

☐ Disable this terminal from "MultiExec" mode

```
address 192.168.23.3/24

auto dummy0
iface dummy0 inet static
address 3.3.3.3/32
pre-up ip link add dummy0 type dummy
root@server3:~# cat /etc/systemd/system/
bind9.service                        remote-fs.target.wants/
dbus-org.freedesktop.timesync1.service  sockets.target.wants/
default.target.wants/                sshd.service
getty.target.wants/                  sysinit.target.wants/
multi-user.target.wants/             syslog.service
network-online.target.wants/         timers.target.wants/
root@server3:~# cat /etc/systemd/system/te
cat: /etc/systemd/system/te: No such file or directory
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/t
terminfo/   timezone    tmpfiles.d/
root@server3:~# cat /etc/t /etc/terminfo/
cat: /etc/t: No such file or directory
cat: /etc/terminfo/: Is a directory
root@server3:~# ip route get 4.4.4.4
4.4.4.4 via 192.168.1.1 dev enp0s3 src 192.168.1.229 uid 0
    cache
root@server3:~# ip route get 5.5.5.0
5.5.5.0 via 192.168.1.1 dev enp0s3 src 192.168.1.229 uid 0
    cache
root@server3:~#
```

☐ Disable this terminal from "MultiExec" mode

Terminal   Sessions   View   X server   Tools   Games   Settings   Macros   Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help   X server Exit

Quick connect...   2. server1 (root)   3. server2 (root)   4. server3 (root)

```
root@server1:~# cat /etc/resolv.conf
domain example.org
search example.org
nameserver 3.3.3.3
root@server1:~#
```