

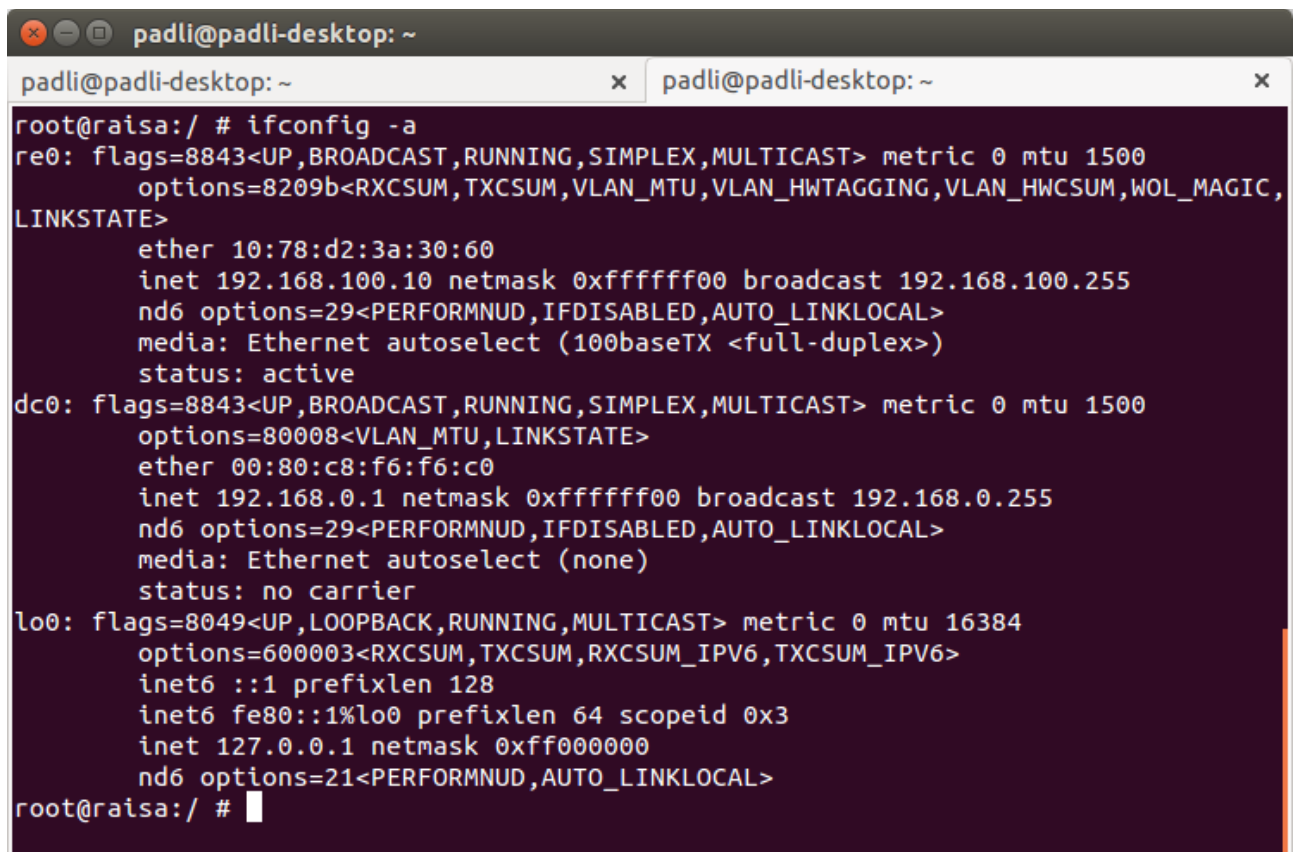
CONFIG NETWORK INTERFACE ON FREEBSD

contoh 2 interface

re0 : public

dc0 : LAN

1. cek interface "ifconfig -a"



```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
root@raisa:/ # ifconfig -a  
re0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500  
    options=8209b<RXCSUM,TXCSUM,VLAN_MTU,VLAN_HWTAGGING,VLAN_HWCSUM,WOL_MAGIC,  
LINKSTATE>  
    ether 10:78:d2:3a:30:60  
    inet 192.168.100.10 netmask 0xffffffff broadcast 192.168.100.255  
    nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>  
    media: Ethernet autoselect (100baseTX <full-duplex>)  
    status: active  
dc0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500  
    options=80008<VLAN_MTU,LINKSTATE>  
    ether 00:80:c8:f6:f6:c0  
    inet 192.168.0.1 netmask 0xffffffff broadcast 192.168.0.255  
    nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>  
    media: Ethernet autoselect (none)  
    status: no carrier  
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384  
    options=600003<RXCSUM,TXCSUM,RXCSUM_IPV6,TXCSUM_IPV6>  
    inet6 ::1 prefixlen 128  
    inet6 fe80::1%lo0 prefixlen 64 scopeid 0x3  
    inet 127.0.0.1 netmask 0xff000000  
    nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>  
root@raisa:/ #
```

2. edit "vi /etc/rc.conf" dan save

```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
hostname="raisa"  
  
ifconfig_re0="inet 192.168.100.10 netmask 255.255.255.0"  
defaultrouter="192.168.100.1"  
  
ifconfig_dc0="192.168.0.1 netmask 255.255.255.0"  
  
sshd_enable="YES"  
  
# Set dumpdev to "AUTO" to enable crash dumps, "NO" to disable  
dumpdev="AUTO"  
~
```

3. restart network "/etc/netstart"

```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
root@raisa:/ # /etc/netstart  
Setting hostuid: 00020003-0004-0005-0006-000700080009.  
Setting hostid: 0x81f4ec68.  
Starting Network: lo0 re0 dc0.  
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384  
options=600003<RXCSUM,TXCSUM,RXCSUM_IPV6,TXCSUM_IPV6>  
inet6 ::1 prefixlen 128  
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x3  
inet 127.0.0.1 netmask 0xff000000  
nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>  
re0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500  
options=8209b<RXCSUM,TXCSUM,VLAN_MTU,VLAN_HWTAGGING,VLAN_HWCSUM,WOL_MAGIC,  
LINKSTATE>  
ether 10:78:d2:3a:30:60  
inet 192.168.100.10 netmask 0xfffff00 broadcast 192.168.100.255  
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>  
media: Ethernet autoselect (100baseTX <full-duplex>)  
status: active  
dc0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500  
options=80008<VLAN_MTU,LINKSTATE>  
ether 00:80:c8:f6:f6:c0  
inet 192.168.0.1 netmask 0xfffff00 broadcast 192.168.0.255  
nd6 options=29<PERFORMNUD,IFDISABLED,AUTO_LINKLOCAL>
```

4. tambahkan nameserver 8.8.8.8 "vi /etc/resolv.conf"

```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
nameserver 8.8.8.8  
~
```

4. cek interface "ifconfig -a", gateway "netstat -rn", ns "more /etc/resolv.conf"

```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
Routing tables  
  
Internet:  
Destination      Gateway          Flags    Netif  Expire  
default          192.168.100.1    UGS      re0  
127.0.0.1        link#3           UH       lo0  
192.168.0.0/24    link#2           U        dc0  
192.168.0.1      link#2           UHS      lo0  
192.168.100.0/24  link#1           U        re0  
192.168.100.10    link#1           UHS      lo0  
  
Internet6:  
Destination      Gateway          Flags    Netif  E  
xpire  
::/96            ::1              UGRS     lo0  
::1              link#3           UH       lo0  
::ffff:0.0.0.0/96 ::1              UGRS     lo0  
fe80::/10        ::1              UGRS     lo0  
fe80::%lo0/64    link#3           U        lo0  
fe80::1%lo0      link#3           UHS      lo0  
ff01::%lo0/32    ::1              U        lo0  
ff02::/16        ::1              UGRS     lo0  
ff02::%lo0/32    ::1              U        lo0  
root@raisa:/ #
```

```
padli@padli-desktop: ~  
padli@padli-desktop: ~ x padli@padli-desktop: ~ x  
root@raisa:/ # more /etc/resolv.conf  
nameserver 8.8.8.8  
root@raisa:/ #
```