IP-

- ip address
- ip redirects
- ip route source-route
- ip unnumbered
- ip unreachables
- show ip interfaces

ip address

IP- IP- (, ,).

(no) IP- . IP- .

⚠ IP- VLAN ID, . IP- Ethernet- VLAN. VLAN IPv6-, IP- VLAN .

VLAN ID ip internal-usage vlan <VLAN_ID>.

```
ip address <ADDR/LEN>
```

```
no ip address { <ADDR/LEN> | all }
```

<ADDR/LEN> – IP- , AAA.BBB.CCC.DDD/EE, AAA – DDD [0..255] EE [1..32]. IP- . 8 IP- (IPv6-) . «all» IP-;

all – IP- .

10

CONFIG-GI

CONFIG-TE

CONFIG-SUBIF

CONFIG-QINQ-IF

CONFIG-SERIAL

CONFIG-PORT-CHANNEL

CONFIG-E1

CONFIG-MULTILINK

CONFIG-VTI

CONFIG-GRE

CONFIG-IP4IP4

CONFIG-BRIDGE

CONFIG-LOOPBACK

CONFIG-LT

```
esr(config-if-gi)# ip address 192.168.25.25/24
```

ip redirects

ICMP IP- IP-.

(no) ICMP- IP- IP-.

```
[no] ip redirects
```

.

15

ICMP- IP- IP- .

CONFIG-GI

CONFIG-TE

CONFIG-SUBIF

CONFIG-QINQ-IF

CONFIG-PORT-CHANNEL

CONFIG-BRIDGE

CONFIG-LOOPBACK

CONFIG-E1

CONFIG-MULTILINK

CONFIG-GRE

CONFIG-IP4IP4

CONFIG-LT

```
esr(config-if-gi)# no ip redirects
```

ip route source-route

ip source-route.

(no) ip source-route .

```
[no] ip route source-route
```

.

.

10

CONFIG

```
esr(config)# ip route source-route
```

ip unnumbered

ip- .

(no) ip unnumbered.

```
ip unnumbered { <IF> | <TUN> }
no ip unnumbere
```

<IF> – , , ;

<TUN> – , , .

10

CONFIG-GI

CONFIG-TE

CONFIG-SUBIF

CONFIG-QINQ-IF

CONFIG-PORT-CHANNEL

CONFIG-BRIDGE

CONFIG-LOOPBACK

CONFIG-E1

CONFIG-MULTILINK

CONFIG-GRE

CONFIG-IP4IP4

```
esr(config-e1)# ip unnumbered gigabitethernet 1/0/1
esr(config-e1)#
```

ip unreachables

ICMP- .

(no) ICMP- .

```
[no] ip unreachables
```

.

15

ICMP- .

CONFIG-GI

CONFIG-TE

CONFIG-SUBIF

CONFIG-QINQ-IF

CONFIG-PORT-CHANNEL

CONFIG-BRIDGE

CONFIG-LOOPBACK

CONFIG-E1

CONFIG-MULTILINK

CONFIG-GRE

CONFIG-IP4IP4

CONFIG-LT

```
esr(config-if-gi)# no ip unreachables
```

show ip interfaces

IP-.

```
show ip interfaces [ { <IF> | <TUN> | vrf <VRF> [ ip-address <ADDR> ] } ]
```

<VRF> – VRF, 31 . IP- VRF;

<ADDR> – IP-, AAA.BBB.CCC.DDD/EE, [0..255]. IP- c IP-;

<IF> – , , ;

<TUN> – , , .

. , IP-, .

, IP- DHCP, DHCP- IP-.

1

ROOT

```
esr# show ip interfaces
IP address            Interface       Type
-------------------   -------------   -------
155.0.0.60/24         br10            static
16.0.0.2/24           gi1/0/16        DHCP
10.0.0.1/8            gi1/0/18        static
180.0.0.1/24          gi1/0/18        static
192.168.1.1/24        gi1/0/2         static
25.0.0.2/30           gre 25          static
10.1.0.2/24           ip4ip4 10       static
esr# show ip interfaces gigabitethernet 1/0/16
IP address            Interface       Type
-------------------   -------------   -------
16.0.0.2/24           gi1/0/16        DHCP
 DHCP Client settings:
 DHCP Server:          N/A
 Lease time(dd:hh:mm): 00:02:00
 Reboot time:          10 seconds
 Retry time:           300 seconds
 Timeout:              60 seconds
 Select timeout:       0 seconds
 Vendor class ID:      N/A
 Ignore options:
    router

 Latest lease contents:
 Lease time(dd:hh:mm): 00:02:00
 DHCP message type:    DHCPACK
 Renew at:             Wednesday2015/02/25 12:22:24 2015/02/25 12:22:24
 Rebind at:            Wednesday2015/02/25 13:14:09 2015/02/25 13:14:09
 Expires at:           Wednesday2015/02/25 13:29:09 2015/02/25 13:29:09
```