- default-information-originate
- description
- ip prefix-list
- ipv6 prefix-list
- network
- permit/deny
- prefix-list
- redistribute bgp
- redistribute connected
- redistribute ipv6 bgp
- redistribute ipv6 ospf
- redistribute isis
- redistribute ospf
- redistribute rip
- redistribute static

default-information-originate

, FIB, :

- NSSA- ( ) NSSA-LSA;
- BGR IPv4/IPv6 address family.

(no) .

```
[no] default-information-originate
```

.

10

CONFIG-BGP

CONFIG-BGP-VRF

CONFIG-OSPF-AREA

CONFIG-OSPFV3-AREA

```
esr(config-ospf-area)# default-information-originate
```

description

IP- IPv6-.

(no) .

```
description <DESCRIPTION>
no description
```

<DESCRIPTION> – IP- IPv6-, 255 .

10

CONFIG-PL

CONFIG-IPV6-PL

```
esr(config-route-map-rule)# description "Drop Local NETs"
```

ip prefix-list

IP-, IP-.

(no) .

```
[no] ip prefix-list <NAME>
```

<NAME> – , 31 .

10

CONFIG

```
esr(config)# ip prefix-list ospf_in
```

ipv6 prefix-list

IPv6-, IPv6-.

(no) .

```
[no] ipv6 prefix-list <NAME>
```

<NAME> – , 31 .

10

CONFIG

```
esr(config)# ipv6 prefix-list ospfv3_in
```

network

.

(no) .

```
[no] network <ADDR/LEN>
```

<ADDR/LEN> – IP-, :

- AAA.BBB.CCC.DDD/EE – IP- , AAA-DDD [0..255] EE [1..32];
- X:X:X:X::X/EE – IPv6- , X [0..FFFF] EE [1..128].

10

CONFIG-RIP

CONFIG-RIPNG

CONFIG-OSPF-AREA

CONFIG-OSPFV3-AREA

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

```
esr(config-bgp)# network 192.168.25.0/24
```

permit/deny

(permit) (deny) .

```
permit [ { object-group <OBJ-GROUP-NETWORK-NAME> | <ADDR/LEN> | <IPV6-ADDR/LEN> } ] [ { eq <LEN> | le <LEN> | ge
<LEN> [ le <LEN> ] } ]

deny [ { object-group <OBJ-GROUP-NETWORK-NAME> | <ADDR/LEN > | <IPV6-ADDR/LEN> } ] [ { eq <LEN> | le <LEN> | ge
<LEN> [ le <LEN> ] } ]

no { object-group <OBJ-GROUP-NETWORK-NAME> | prefix { <ADDR/LEN> | <IPV6-ADDR/LEN> } }
```

<OBJ-GROUP-NETWORK-NAME> – IP/IPv6-, 31 ;

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

<IPV6-ADDR> – IPv6-, X:X:X:X::X, [0..FFFF];

<LEN> – , [1..32] IP- [1..128] IPv6- ;

eq – ;

le – ;

ge – .

10

CONFIG-PL

CONFIG-IPV6-PL

```
esr(config-pl)# permit static ge 24 le 28
```

prefix-list

.

(no) .

```
prefix-list <PREFIX-LIST-NAME> { in | out }
no prefix-list { in| out }
```

<PREFIX-LIST-NAME> – , 31 :

in – ;

out – .

10

CONFIG-BGP-GROUP

CONFIG-BGP-VRF-GROUP

CONFIG-BGP-NEIGHBOR-FAMALY

CONFIG-BGP-VRF-NEIGHBOR-FAMALY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-rip)# prefix-list rip_in in
```

redistribute bgp

BGP.

(no) BGP.

```
redistribute bgp <AS> [ route-map <NAME> ] [ <LEVEL> ]
no redistribute bgp <AS>
```

<AS> – , [1..4294967295];

<NAME> – , BGP-, 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-bgp-af)# redistribute bgp 30
esr(config-ospf)# redistribute bgp 35
esr(config-rip)# redistribute bgp 300
```

redistribute connected

.

(no) .

```
redistribute connected [ route-map <NAME> ] [ <LEVEL> ]
no redistribute connected
```

<NAME> – , , 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-rip)# redistribute connected
```

redistribute ipv6 bgp

ipv6- BGP.

(no) ipv6- BGP.

```
redistribute ipv6 bgp <AS> [ route-map <NAME> ] [ <LEVEL> ]
no redistribute ipv6 bgp <AS>
```

<AS> – ipv6-, [1..4294967295];

<NAME> – , BGP-ipv6-, 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-ISIS

```
esr(config-isis)# redistribute ipv6 bgp 30 level 2
```

redistribute ipv6 ospf

OSPFv3- .

(no) OSPFv3-.

```
redistribute ipv6 ospf <ID> [ <ROUTE-TYPE1> ] [ <ROUTE-TYPE2> ] [ <ROUTE-TYPE3> ] [ <ROUTE-TYPE4> ] [ route-map
<NAME> ] [ <LEVEL> ]
no redistribute ipv6 ospf <ID>
```

<ID> – , [1..65535].

<ROUTE-TYPE> – :

- intra-area – OSPFv3- ;
- inter-area – OSPFv3- ;
- external1 – OSPFv3- 1;
- external2 – OSPFv3- 2.

<NAME> – , OSPFv3-, 31 .

<LEVEL> — IS-IS :

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-ISIS

```
esr(config-isis)# redistribute ospf 10 external2
```

redistribute isis

ISIS .
(no) ISIS

```
redistribute isis <ID> <ROUTE-TYPE> [ route-map <NAME> ]
no redistribute isis <ID>
```

<ID> – , [1..65535].

<ROUTE-TYPE> – :

- level-1 – ISIS- 1;
- level-2 – ISIS- 2;
- inter-area – ISIS-.

<NAME> – , ISIS-, 31 .

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-bgp-af)# redistribute isis 1 level-1 level-2
```

redistribute ospf

OSPF- .

(no) OSPF-.

```
redistribute ospf <ID> <ROUTE-TYPE1> [ <ROUTE-TYPE2> ] [ <ROUTE-TYPE3> ] [ <ROUTE-TYPE4> ] [ route-map <NAME> ] [ <LEVEL> ]
no redistribute ospf <ID>
```

<ID> – , [1..65535].

<ROUTE-TYPE> – :

- intra-area – OSPF- ;
- inter-area – OSPF- ;
- external1 – OSPF- 1;
- external2 – OSPF- 2.

<NAME> – , OSPF-, 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-bgp-af)# redistribute ospf 10 external2
```

redistribute rip

RIP.

(no) RIP.

```
redistribute rip [ route-map <NAME> ] [ <LEVEL> ]
no redistribute rip
```

<NAME> – , RIP-, 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

```
esr(config-bgp)# redistribute rip
```

redistribute static

ipv4/ipv6-.

(no) .

```
redistribute static [ route-map <NAME> ] [ <LEVEL> ]
no redistribute static
```

<NAME> – , , 31 .

<LEVEL> — IS-IS (CONFIG-ISIS):

- level-1 – 1 ;
- level-2 – 2 ;

10

CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

```
esr(config-bgp)# redistribute static
```