

- [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
```

.

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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 .

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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 .

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CONFIG

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

## ipv6 prefix-list

IPv6-,       IPv6-.

(no) .

[no] ipv6 prefix-list <NAME>

<NAME> - , 31 .

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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].

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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 – .

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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 – .

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## 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;

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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;

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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;

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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> ]
```

```
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.

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CONFIG-ISIS

```
esr(config-isis)# redistribute ipv6 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.

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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> ]  
no redistribute ospf <ID>
```

<ID> – , [1..65535].

<ROUTE-TYPE> – :

- intra-area – OSPF- ;
- inter-area – OSPF- ;
- external1 – OSPF- 1;

- external2 – OSPF- 2.

<NAME> – , OSPF-, 31 .

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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 ;

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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;

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CONFIG-BGP-FAMILY

CONFIG-BGP-VRF-FAMILY

CONFIG-OSPF

CONFIG-OSPFV3

CONFIG-ISIS

CONFIG-RIP

CONFIG-RIPNG

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