

VTYSH

```
#ip route 1.1.1.1/32 10.10.10.10 10  
#ip route 1.1.1.1/32 20.20.20.20 10
```

Staticd

```
IP route -1.1.1.1/32,  
Nh- 10.10.10.10,  
Distance -10
```

```
IP route -1.1.1.1/32,  
Nh- 20.20.20.20,  
Distance -10
```

```
1.1.1.1/32,10.10.10.10 - 1  
1.1.1.1/32,20.20.20.20 - 2
```

Zapi route encode

Zebra

```
S> 20.20.20.20/32 [10/0] via 10.10.10.10 ens192 onlink, 00:00:04  
*  
via 20.20.20.20, ens224 onlink, 00:00:04
```

1.1.1.1/32	
2	
10.10.10.10	
20.20.20.20	
10	

VTYSH

```
# nexthop-group n1  
# nexthop 10.10.10.10 weight 1  
# nexthop 20.20.20.20 weight 2
```

Zebra

```
Name- n1  
Nh- 10.10.10.10,  
Distance -10
```

```
IP route -1.1.1.1/32,  
Nh- 20.20.20.20,  
Distance -10
```

```
n1,10.10.10.10 - 1  
n1,20.20.20.20 - 2
```

```
Name - n1  
[  
  Nexthop 10.10.10.10, weight 1  
  Nexthop 20.20.20.20, weight 2  
]
```

```
> print frr-nexthop
module: frr-nexthop
  +--rw frr-nexthop-group
    +--rw nexthop-group* [name]
      +--rw name          string
    +--rw frr-nexthops
      +--rw nexthops* [nexthop-id]
        +--rw nexthop-id      uint32
        +--rw nh-type         nexthop-type
        +--rw vrf?            frr-vrf:vrf-ref
        +--rw gateway?       gateway-address
        +--rw gateway-interface
          | +--rw gateway?    gateway-address
          | +--rw interface?  frr-interface:interface-ref
          | +--rw onlink?     boolean <false>
        +--rw interface?     frr-interface:interface-ref
        +--rw bh-type?       blackhole-type
        +--rw mpls-label-stack
          | +--rw entry* [id]
            | +--rw id        uint8
            | +--rw label?    ietf-routing-types:mpls-label
            | +--rw ttl?      uint8
            | +--rw traffic-class? uint8
        +--rw weight?        uint8
```

```

> print frr-routing
module: frr-routing
+--rw routing
+--rw control-plane-protocols
+--rw control-plane-protocol* [type name vrf]
+--rw type identityref
+--rw name string
+--rw vrf frr-vrf:vrf-ref
+--rw frr-staticd:staticd
+--rw frr-staticd:address-family* [address-family]
+--rw frr-staticd:address-family identityref
+--rw frr-staticd:ipv4-route* [destination-prefix]
| +--rw frr-staticd:destination-prefix ietf-inet-types:ipv4-prefix
| +--rw frr-staticd:frr-staticd-next-hop
| +--rw frr-staticd:frr-nexthops
| +--rw frr-staticd:nexthops* [nexthop-id]
| +--rw frr-staticd:nexthop-id uint32
| +--rw frr-staticd:nh-type frr-nexthop:nexthop-type
| +--rw frr-staticd:vrf? frr-vrf:vrf-ref
| +--rw frr-staticd:gateway? frr-nexthop:gateway-address
| +--rw frr-staticd:gateway-interface
| | +--rw frr-staticd:gateway? frr-nexthop:gateway-address
| | +--rw frr-staticd:interface? frr-interface:interface-ref
| | +--rw frr-staticd:onlink? boolean <false>
| +--rw frr-staticd:interface? frr-interface:interface-ref
| +--rw frr-staticd:bh-type? frr-nexthop:blackhole-type
| +--rw frr-staticd:mpls-label-stack
| | +--rw frr-staticd:entry* [id]
| | +--rw frr-staticd:id uint8
| | +--rw frr-staticd:label? ietf-routing-types:mpls-label
| | +--rw frr-staticd:ttl? uint8
| | +--rw frr-staticd:traffic-class? uint8
| +--rw frr-staticd:distance? uint8
| +--rw frr-staticd:tag? uint32
+--rw frr-staticd:ipv6-route* [destination-prefix]
+--rw frr-staticd:destination-prefix ietf-inet-types:ipv6-prefix
+--rw frr-staticd:frr-staticd-next-hop
+--rw frr-staticd:frr-nexthops
+--rw frr-staticd:nexthops* [nexthop-id]
+--rw frr-staticd:nexthop-id uint32
+--rw frr-staticd:nh-type frr-nexthop:nexthop-type
+--rw frr-staticd:vrf? frr-vrf:vrf-ref
+--rw frr-staticd:gateway? frr-nexthop:gateway-address
+--rw frr-staticd:gateway-interface
| +--rw frr-staticd:gateway? frr-nexthop:gateway-address
| +--rw frr-staticd:interface? frr-interface:interface-ref
| +--rw frr-staticd:onlink? boolean <false>
+--rw frr-staticd:interface? frr-interface:interface-ref
+--rw frr-staticd:bh-type? frr-nexthop:blackhole-type
+--rw frr-staticd:mpls-label-stack
| +--rw frr-staticd:entry* [id]
| +--rw frr-staticd:id uint8
| +--rw frr-staticd:label? ietf-routing-types:mpls-label
| +--rw frr-staticd:ttl? uint8
| +--rw frr-staticd:traffic-class? uint8
+--rw frr-staticd:distance? uint8
+--rw frr-staticd:tag? uint32

```

>