

Klassifizierung von Routen

Level 2 Routes Subnetmask > Standardsubnetmask	Level 1 Routes Subnetmask ≤ Standardsubnetmask			
Ultimate Routes haben Next-Hop-Adresse oder Exit-Interface				Parent Routes haben <u>keine</u> Next-Hop-Adresse und <u>kein</u> Exit-Interface
Child Routes (Subnet Routes) Subnetmask > Standardsubnetmask 172.16.1.0/27	Network Routes Subnetmask = Standardsubnetmask 192.168.1.0/24	Supernet Routes Subnetmask < Standardsubnetmask	Default Route Subnetmask = /0 0.0.0.0/0	 172.16.0.0/16

```
10.0.0.0/30 is subnetted, 4 subnets
R 10.10.10.0 [120/1] via 10.10.10.6, 00:00:09, Serial0/0/0
C 10.10.10.4 is directly connected, Serial0/0/0
C 10.10.10.8 is directly connected, Serial0/0/1
R 10.10.10.12 [120/1] via 10.10.10.10, 00:00:09, Serial0/0/1
```

```
172.16.0.0/16 is variably subnetted, 10 subnets, 5 masks
C 172.16.1.0/27 is directly connected, FastEthernet0/0
R 172.16.1.32/28 [120/2] via 10.10.10.10, 00:00:09, Serial0/0/1
R 172.16.1.192/26 [120/1] via 10.10.10.6, 00:00:09, Serial0/0/0
R 172.16.2.0/26 [120/2] via 10.10.10.6, 00:00:09, Serial0/0/0
R 172.16.2.64/27 [120/1] via 10.10.10.10, 00:00:09, Serial0/0/1
C 172.16.3.0/25 is directly connected, FastEthernet0/1
R 172.16.3.128/26 [120/1] via 10.10.10.6, 00:00:09, Serial0/0/0
R 172.16.3.192/29 [120/2] via 10.10.10.6, 00:00:09, Serial0/0/0
R 172.16.4.0/27 [120/1] via 10.10.10.10, 00:00:09, Serial0/0/1
R 172.16.4.128/25 [120/2] via 10.10.10.10, 00:00:09, Serial0/0/1
```

```
C 192.168.1.0/24 is directly connected, Loopback0
```

```
S* 0.0.0.0/0 is directly connected, Loopback0
```

Level 1 Parent Route

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Level 2 Child Route (Ultimate)
Level 2 Child Route (Ultimate)
Level 2 Child Route (Ultimate)
Level 2 Child Route (Ultimate)
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Level 1 Network Route (Ultimate)

Level 1 Default Route (Ultimate)