Router(config)#router rip 2

Router(config-router)#?

**auto-summary** Enter Address Family command mode

default-information Control distribution of default information

**distance** Define an administrative distance

exit Exit from routing protocol configuration mode

**network** Enable routing on an IP network

no Negate a command or set its defaults

**passive-interface** Suppress routing updates on an interface

**redistribute** Redistribute information from another routing protocol

timers Adjust routing timers

**version** Set routing protocol version

|  |  |
| --- | --- |
| version | Version 1 nur classfull nets ohne subnetmask  Version 2 subnets mit subnetmask |
| auto-summary | no auto-summary by subnets mit variablen subnetmasks |
| distance | Default Werte  connected 0  static 1  EIGRP 5  BGP 20  OSPF 110  RIP 120 |
| redistribute | Verteilt Informationen anderer Routing Protokolle, z.B. statische Routen |
| Passive-interface | Keine Verteilung von Routing Informationen über die Schnittstelle da zum Beispiel nur Layer 2 |
| network | A.B.C.D angeschlossenes Netz mit der Netzadresse |

R1

ip route 0.0.0.0 0.0.0.0 serial 0/0/1

router rip

version 2

no auto-summary

default-information originate

network 192.168.1.0

passive-interface g0/0

R2

router rip

version 2

no auto-summary

network 192.168.2.0

network 192.168.3.0

network 192.168.4.0

passive-interface g0/0

R3

router rip

version 2

no auto-summary

network 192.168.4.0

network 192.168.5.0

passive-interface g0/0

R1, R2, R3

sh ip route