



Musterlösung für Übung 7, Aufgabe 3

Grundlagen der Anwendungsunterstützung

42.226.21.0/24			
Ziel	Maske	Router	Interface
42.226.21.0	255.255.255.0	0.0.0.0	eth0
23.56.0.0	255.254.0.0	42.226.21.181	eth0
23.58.0.0	255.255.0.0	42.226.21.181	eth0
23.59.0.0	255.255.0.0	42.226.21.181	eth0
120.90.0.0	255.255.0.0	42.226.21.143	eth0
206.102.30.0	255.255.255.0	42.226.21.143	eth0
0.0.0.0	0.0.0.0	42.226.21.143	eth0

23.58.0.0/16			
Ziel	Maske	Router	Interface
23.58.0.0	255.255.0.0	0.0.0.0	eth0
23.56.0.0	255.254.0.0	23.58.0.1	eth0
23.59.0.0	255.255.0.0	23.58.0.1	eth0
42.226.21.0	255.255.255.0	23.58.0.1	eth0
120.90.0.0	255.255.0.0	23.58.0.1	eth0
206.102.30.0	255.255.255.0	23.58.0.1	eth0
0.0.0.0	0.0.0.0	23.58.0.1	eth0

206.102.30.0/24			
Ziel	Maske	Router	Interface
206.102.30.0	255.255.255.0	0.0.0.0	eth0
23.56.0.0	255.254.0.0	206.102.30.1	eth0
23.58.0.0	255.255.0.0	206.102.30.1	eth0
23.59.0.0	255.255.0.0	206.102.30.1	eth0
42.226.21.0	255.255.255.0	206.102.30.1	eth0
120.90.0.0	255.255.0.0	206.102.30.1	eth0
0.0.0.0	0.0.0.0	206.102.30.254	eth0

R_1			
Ziel	Maske	Router	Interface
23.56.0.0	255.252.0.0	206.102.30.1	eth1
42.226.21.0	255.255.255.0	206.102.30.1	eth1
120.90.0.0	255.255.0.0	206.102.30.1	eth1
206.102.30.0	255.255.255.0	0.0.0.0	eth1
0.0.0.0	0.0.0.0	1.2.3.4	eth0

R_2			
Ziel	Maske	Router	Interface
23.56.0.0	255.252.0.0	42.226.21.181	eth1
42.226.21.0	255.255.255.0	0.0.0.0	eth1
120.90.0.0	255.255.0.0	0.0.0.0	eth2
206.102.30.0	255.255.255.0	0.0.0.0	eth0
0.0.0.0	0.0.0.0	206.102.30.254	eth0

R_3			
Ziel	Maske	Router	Interface
23.56.0.0	255.254.0.0	0.0.0.0	eth1
23.58.0.0	255.255.0.0	0.0.0.0	eth2
23.59.0.0	255.255.0.0	0.0.0.0	eth3
42.226.21.0	255.255.255.0	0.0.0.0	eth0
0.0.0.0	0.0.0.0	42.226.21.143	eth0