**Übung NAT static**

**R1**

Ip nat inside source static 10.0.0.10 50.0.0.10

Ip nat inside source static 10.0.0.20 50.0.0.20

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 200.0.0.0 255.255.255.0 100.0.0.2

**R2**

ip nat inside source static 192.168.1.10 200.0.0.10

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 50.0.0.0 255.0.0.0 100.0.0.1

**Übung NAT dynamisch**

**R1**

access-list 1 permit 10.0.0.10 0.0.0.0

access-list 1 permit 10.0.0.20 0.0.0.0

access-list 1 deny any

ip nat pool ccna 50.0.0.1 50.0.0.2 netmask 255.0.0.0

ip nat inside source list 1 pool ccna

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 200.0.0.0 255.255.255.0 100.0.0.2

**R2**

1. ip nat inside source static 192.168.1.10 200.0.0.10

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 50.0.0.0 255.0.0.0 100.0.0.1

1. access-list 1 permit 192.168.1.10 0.0.0.0.0

access-list 1 deny any

ip nat pool ccna 200.0.0.10 netmask 0.0.0.0

ip nat inside source list 1 pool ccna

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 200.0.0.0 255.255.255.0 100.0.0.2

**Übung PAT**

**R1**

access-list 1 permit 10.0.0.10 0.0.0.0

access-list 1 permit 10.0.0.20 0.0.0.0

access-list 1 deny any

ip nat pool ccna 50.0.0.1 50.0.0.1 netmask 255.0.0.0

ip nat inside source list 1 pool ccna overload

f0/0 ip nat inside

s0/0/0 ipü nat outside

ip route 50.0.0.0 255.0.0.0 100.0.0.1

**R2**

ip nat inside source static 192.168.1.10 200.0.0.10

f0/0 ip nat inside

s0/0/0 ip nat outside

ip route 50.0.0.0 255.0.0.0 100.0.0.1

**Übung PAT overload Schnittstelle**

**R1**

access-list 1 permit 10.0.0.10 0.0.0.0

access-list 1 permit 10.0.0.20 0.0.0.0

access-list 1 deny any

ip nat inside source interface s0/0/0 overload

f0/0 ip nat inside

s0/0/0 ipü nat outside

ip route 50.0.0.0 255.0.0.0 100.0.0.1