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Dynamic NAT -> Static NAT

```
R2>en
R2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#int fa0/0
R2(config)#int fa0/0
R2(config-if)#ip nat inside
R2(config-if)#int se
R2(config-if)#int serial0/0/0
R2(config-if)#ip nat inside
R2(config-if)#int se0/0/1
R2(config-if)#ip nat inside
R2(config-if)#int se0/1/0
R2(config-if)#ip nat outside
R2(config-if)#ip nat pool R2_POOL 209.165.202.129 209.165.202.129 netmask 255.255.255.252
R2(config)#ip nat inside source list R2_NAT pool R2_POOL overload

R2(config)#ip nat
R2(config)#ip nat
R2(config)#ip nat i
R2(config)#ip nat inside s
R2(config)#ip nat inside source l
R2(config)#ip nat inside source static 192.168.20.254 209.165.202.130

R2(config)#ip ac
R2(config)#ip access-list standard R2_NAT
R2(config-std-nacl)#permit 192.168.10.0 0.0.0.255
R2(config-std-nacl)#permit 192.168.20.0 0.0.0.255
R2(config-std-nacl)#permit 192.168.30.0 0.0.0.255
R2(config-std-nacl)#end
R2#
%SYS-5-CONFIG_I: Configured from console by console
```

Check:

	Successful	PC1	Outside PC	ICMP		0.000	N	2	(edit)	(delete)
	Successful	local...	Outside PC	ICMP		0.000	N	3	(edit)	(delete)
	Successful	local...	PC2	ICMP		0.000	N	4	(edit)	(delete)

```
R2#show ip nat translations
Pro Inside global      Inside local      Outside local      Outside global
icmp 209.165.202.129:1 192.168.10.10:1   209.165.201.14:1 209.165.201.14:1
icmp 209.165.202.129:2 192.168.10.10:2   209.165.201.14:2 209.165.201.14:2
icmp 209.165.202.129:3 192.168.10.10:3   209.165.201.14:3 209.165.201.14:3
--- 209.165.202.130    192.168.20.254   ---              ---
```

```
R2#show ip nat st
R2#show ip nat statistics
Total translations: 2 (1 static, 1 dynamic, 1 extended)
Outside Interfaces: Serial0/1/0
Inside Interfaces: FastEthernet0/0 , Serial0/0/0 , Serial0/0/1
Hits: 2 Misses: 3
Expired translations: 2
Dynamic mappings:
-- Inside Source
access-list R2_NAT pool R2_POOL refCount 1
pool R2_POOL: netmask 255.255.255.252
start 209.165.202.129 end 209.165.202.129
type generic, total addresses 1 , allocated 0 (0%), misses 0
R2#
```