

cisco???nat?????--NVI

```

interface
  ip nat enable
  ip nat inside-outside
  nat

```

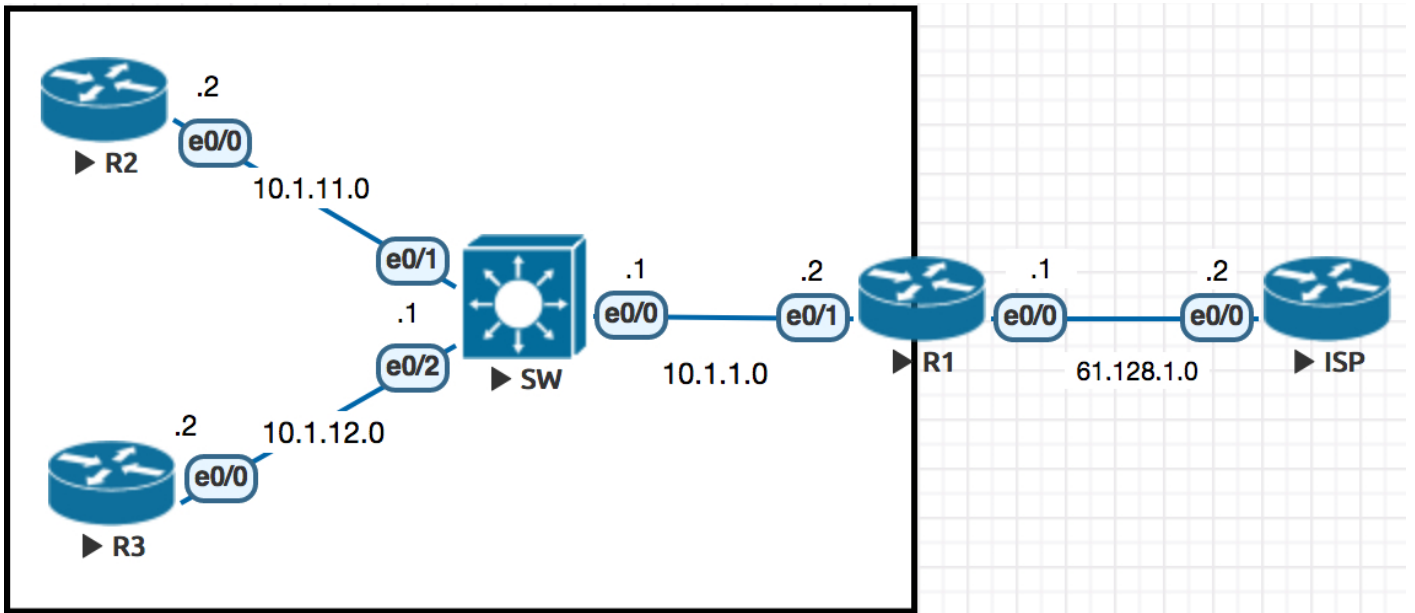
Inside-to-Outside	Outside-to-Inside
<ul style="list-style-type: none"> • If IPsec then check input access list • decryption - for CET (Cisco Encryption Technology) or IPsec • check input access list • check input rate limits • input accounting • redirect to web cache • policy routing • routing • NAT inside to outside (local to global translation) • crypto (check map and mark for encryption) • check output access list • inspect (Context-based Access Control (CBAC)) • TCP intercept • encryption • Queueing 	<ul style="list-style-type: none"> • If IPsec then check input access list • decryption - for CET or IPsec • check input access list • check input rate limits • input accounting • redirect to web cache • NAT outside to inside (global to local translation) • policy routing • routing • crypto (check map and mark for encryption) • check output access list • inspect CBAC • TCP intercept • encryption • Queueing

<http://blog.csdn.net/dog250>

```

Cisco domainless NAT Domainless
Virtual Interface
ip nat enable
SNAT DNAT NAT
ip nat enable NAT
SNAT DNAT
NAT NAT
Domainless NAT
ACL VPN policy routing NAT

```



#####

R3 80#####

R2#####

R3

#####

```
ip nat inside source static tcp 10.1.12.2 80 61.128.1.1 8000
```

```
ip nat inside source static tcp 10.1.12.2 80 61.128.1.3 80
```

```
ip nat inside source list NAT interface e0/0 overload
```

```
interface e0/0
```

```
ip nat outside
```

```
interface e0/1
```

```
ip nat inside
```

```
##### NVI NAT
```

```
ip nat source static tcp 10.1.12.2 80 61.128.1.1 8000
```

```
ip nat source static tcp 10.1.12.2 80 61.128.1.3 80
```

```
ip nat source list NAT interface e0/0 overload
```

```
interface e0/0
```

```
ip nat enable
```

```
interface e0/1
```

```
ip nat enable
```

```
##### NVI NAT
```

```
#####
```

```
interface e0/0
```

```
no ip redirects
```

```
interface e0/1
```

```
no ip redirects
```

```
#####
```

```
show ip nat nvi translations
```

```
sh ip nat nvi translations
```

```
Pro Source global Source local Destin local Destin global
tcp 61.128.1.1:28909 10.1.11.2:28909 61.128.1.3:80 10.1.12.2:80
tcp 61.128.1.1:8000 10.1.12.2:80 --- ---
```

```
##### OK#####
```

```
R2#####
```

```
R3#####
```

```
nat
```

```
#####
```

Revision #1

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