

知 Nat server realizes different ports mapping different intranet addresses

S

Routers 龚训杰 2020-12-16 Published

Network Topology

The public network equipment is used as a nat server and uses the same public network ip, requiring different port numbers to be converted into different inside addresses.

Configuration Steps

Method 1:

```
nat static outbound 3.3.3.3 1.1.1.1
```

```
interface GigabitEthernet2/0/4
```

```
nat server protocol tcp global 1.1.1.1 10000 inside 2.2.2.2 80
```

```
nat static enable
```

Method 2:

```
acl advanced 3003
```

```
rule 0 permit tcp source 1.1.1.1 0 source-port eq 10000
```

```
acl advanced 3004
```

```
rule 0 permit tcp source 1.1.1.1 0 source-port neq 10000
```

```
interface GigabitEthernet2/0/4
```

```
nat server global 3003 inside 2.2.2.2 80
```

```
nat server global 3004 inside 3.3.3.3
```

Method 3:

```
interface GigabitEthernet2/0/4
```

```
nat server protocol tcp global 1.1.1.1 1000 inside 2.2.2.2 80
```

```
nat server protocol tcp global 1.1.1.1 1 999 inside 3.3.3.3 1 999
```

If too many ports are configured, there will be a prompt similar to the following. Maximum number of global ports (10000) already reached.

Key Configuration