

Based on the document provided, here are the CLI commands (comments) extracted and organized step-by-step for each device.

1. Router 1 (R1) - Initial IP Configuration

Cisco CLI

```
enable
configure terminal
hostname R1

interface FastEthernet0/0
ip address 10.0.0.1 255.0.0.0
no shutdown
exit
```

```
interface Serial0/0/0
ip address 100.0.0.1 255.0.0.0
clock rate 64000
bandwidth 64
no shutdown
exit
```

2. Router 2 (R2) - Initial IP Configuration

Cisco CLI

```
enable
configure terminal
hostname R2

interface FastEthernet0/0
ip address 192.168.1.1 255.255.255.0
no shutdown
exit
```

```
interface Serial0/0/0
ip address 100.0.0.2 255.0.0.0
no shutdown
exit
```

3. Configure Static NAT on R1

Cisco CLI

```
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
ip nat inside source static 10.0.0.30 50.0.0.30
```

```
interface FastEthernet 0/0
ip nat inside
exit
```

```
interface Serial0/0/0
ip nat outside
exit
```

4. Configure Static NAT on R2

Cisco CLI

```
ip nat inside source static 192.168.1.10 200.0.0.10
```

```
interface FastEthernet 0/0
ip nat inside
exit
```

```
interface Serial0/0/0
ip nat outside
exit
```

5. Configure Static Routing

On Router 1 (R1):

Cisco CLI

```
ip route 200.0.0.0 255.255.255.0 100.0.0.2
```

On Router 2 (R2):

Cisco CLI

```
ip route 50.0.0.0 255.0.0.0 100.0.0.1
```

6. Testing & Verification

Laptop0 (Command Prompt):

```
DOS
```

```
ipconfig  
ping 200.0.0.10  
ping 192.168.1.10
```

Laptop1 (Command Prompt):

```
DOS
```

```
ping 200.0.0.10
```

Routers (CLI - Privilege Exec Mode):

```
Cisco CLI
```

```
show ip nat translation
```

You are receiving this error because you are currently in **Global Configuration mode** (R1(config)#), but the `show` command is meant for **Privileged EXEC mode** (R1#).

Here are the correct commands to fix this:

Option 1: Run it from the current mode using "do"

```
Cisco CLI
```

```
do show ip nat translation
```

Option 2: Exit to the correct mode first

```
Cisco CLI
```

```
end  
show ip nat translation
```