

The screenshot displays the Cisco Packet Tracer interface. On the left, a network diagram shows two routers, Router0 and Router1, connected by a dashed line representing a serial link. Both routers are labeled '1941'. Below Router0, there is a switch labeled 'Switch0' connected to two PCs, PC0 and PC1. The top bar includes tabs for 'Logical' and 'Physical' views. The bottom status bar shows the time as 08:10:30.

On the right side, the 'Router0' configuration window is open, showing the 'CLI' tab. The configuration commands entered are:

```

Router(config)#
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)ip address 192.168.0.0 0.0.0.255
Router(config)ip nat pool white-address 100.10.11.77 100.10.11.99 netmask 255.255.255.0
Router(config)#ip nat inside source list 1 pool white-address
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#
Router(config)#
Router(config)#
Router(config)interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)interface FastEthernet0/0
Router(config-if)#
Router(config-if)#no shutdown
Router(config-if)#
%LINK-3-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)interface FastEthernet0/0
Router(config-if)#

```

Buttons for 'Copy' and 'Paste' are visible at the bottom of the CLI window. The bottom status bar also shows the date 04.04.2025 and the time 12:40.

The screenshot displays the Cisco Packet Tracer interface. At the top, the menu bar includes File, Edit, Options, View, Tools, Extensions, Window, and Help. Below the menu is a toolbar with various icons for file operations and network configuration. The main workspace shows a network topology with two routers, Router0 and Router1, connected by a dashed line. Below the topology, two windows are open: 'PC0' and 'PC1'. Both windows show the 'Command Prompt' with the output of a 'ping 100.10.10.2' command. The output for PC0 shows a successful ping with 32 bytes of data, 4 packets sent, 4 received, and 0% loss. The output for PC1 shows a failed ping with a 'Request timed out' message.

PC0 Command Prompt:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PC1 Command Prompt:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Reply from 100.10.10.2: bytes=32 time=1ms TTL=254
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254
Reply from 100.10.10.2: bytes=32 time=1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

3.

```
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat translations
Pro  Inside global      Inside local         Outside local        Outside global
icmp 100.10.11.78:1      192.168.0.2:1       100.10.10.2:1       100.10.10.2:1
icmp 100.10.11.78:2      192.168.0.2:2       100.10.10.2:2       100.10.10.2:2
icmp 100.10.11.78:3      192.168.0.2:3       100.10.10.2:3       100.10.10.2:3
icmp 100.10.11.78:4      192.168.0.2:4       100.10.10.2:4       100.10.10.2:4

Router#
```
