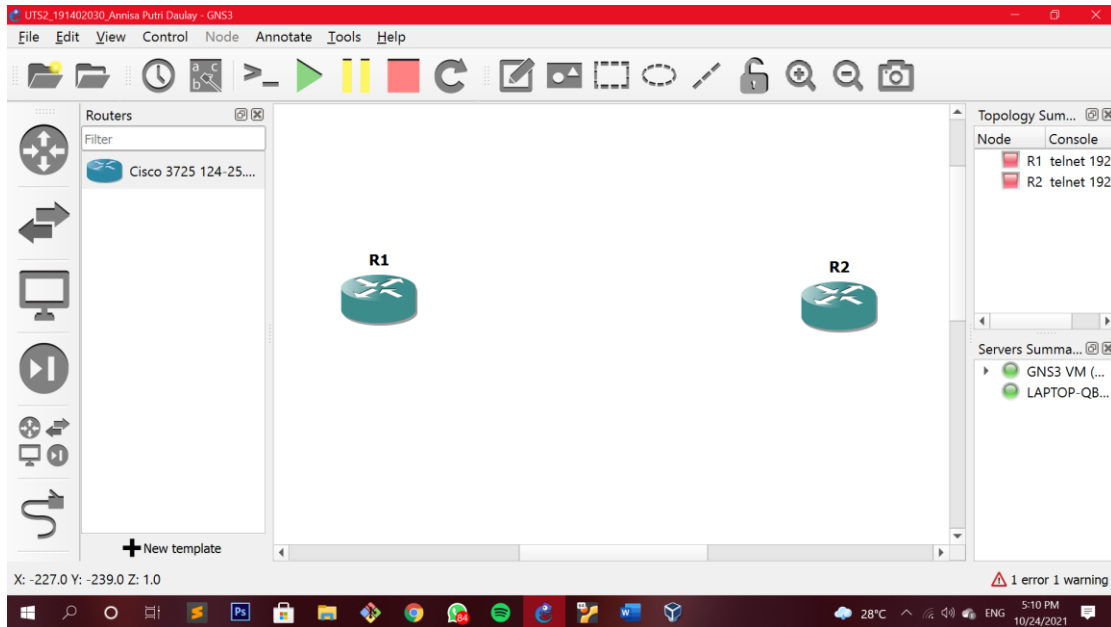


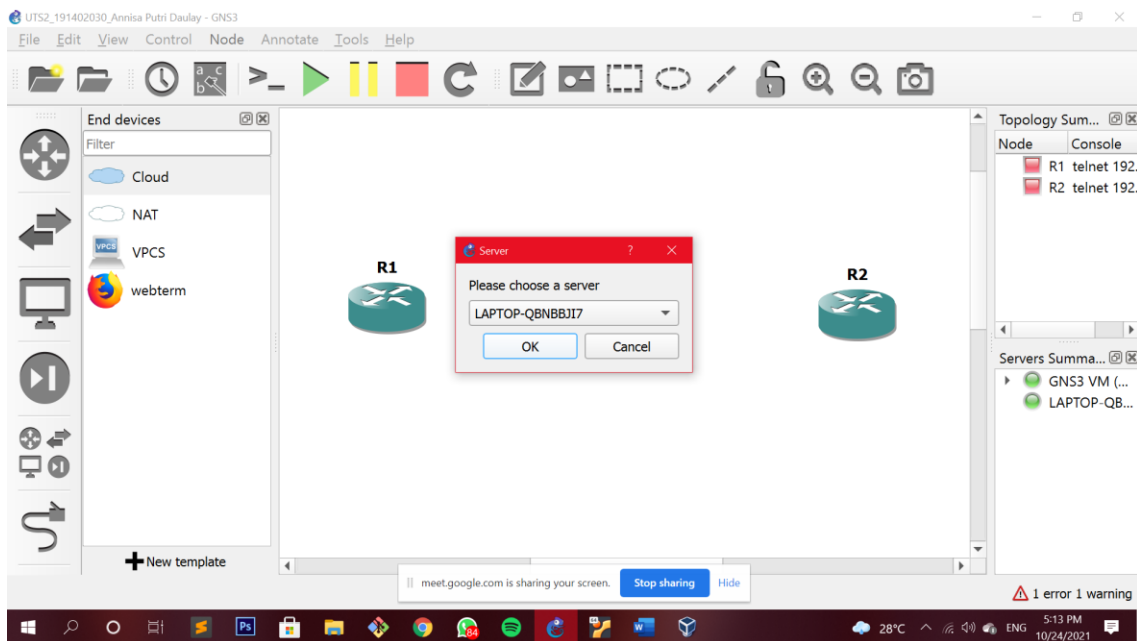
| |
|----------------------------|
| Nama : Annisa Putri Daulay |
| NIM : 191402030 |
| KOM : C |

Connect GNS3 to the Internet

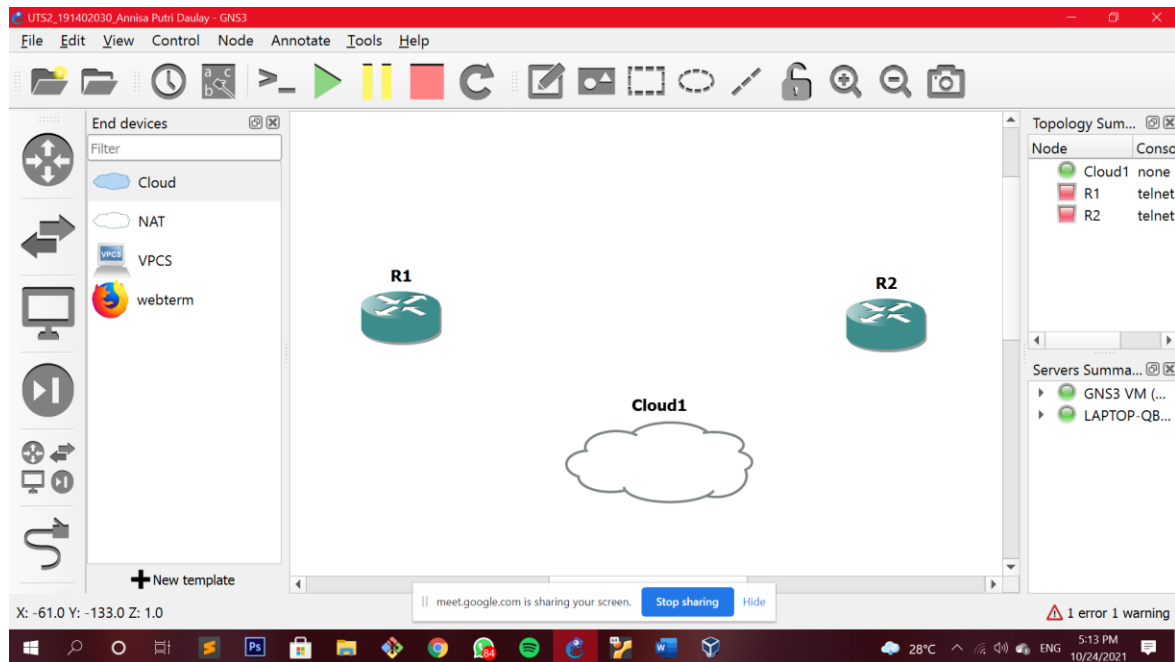
Langkah pertama yaitu memasukkan 2 router ke laman proyek.



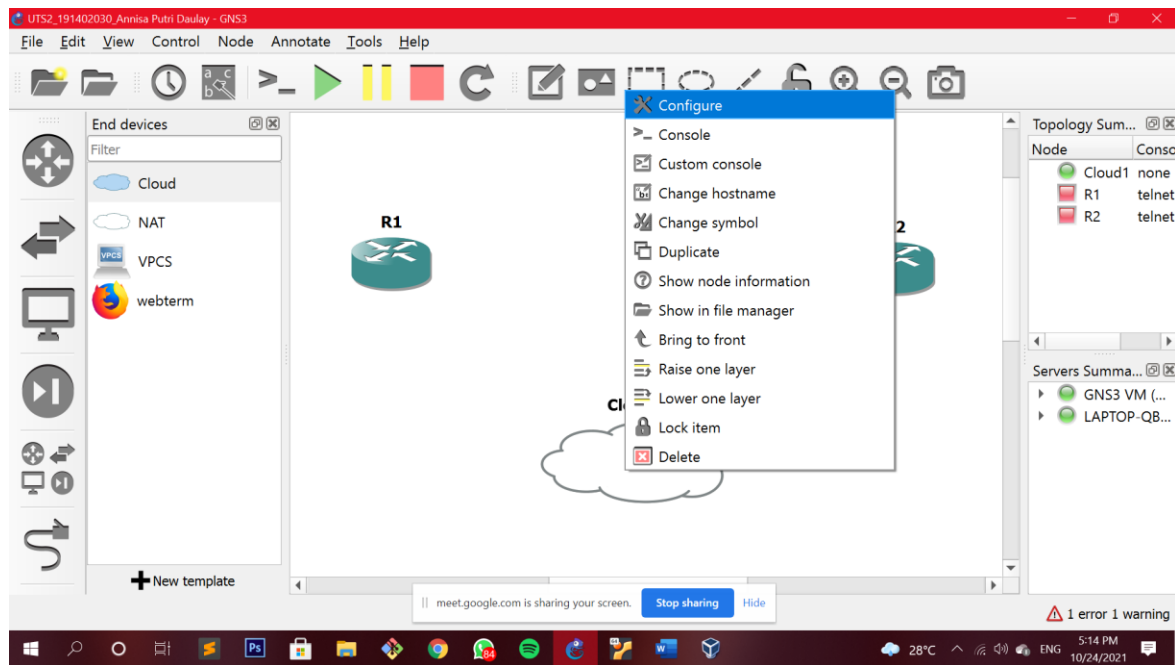
Selanjutnya tambahkan cloud, dan servernya dipilih ke local yaitu laptop



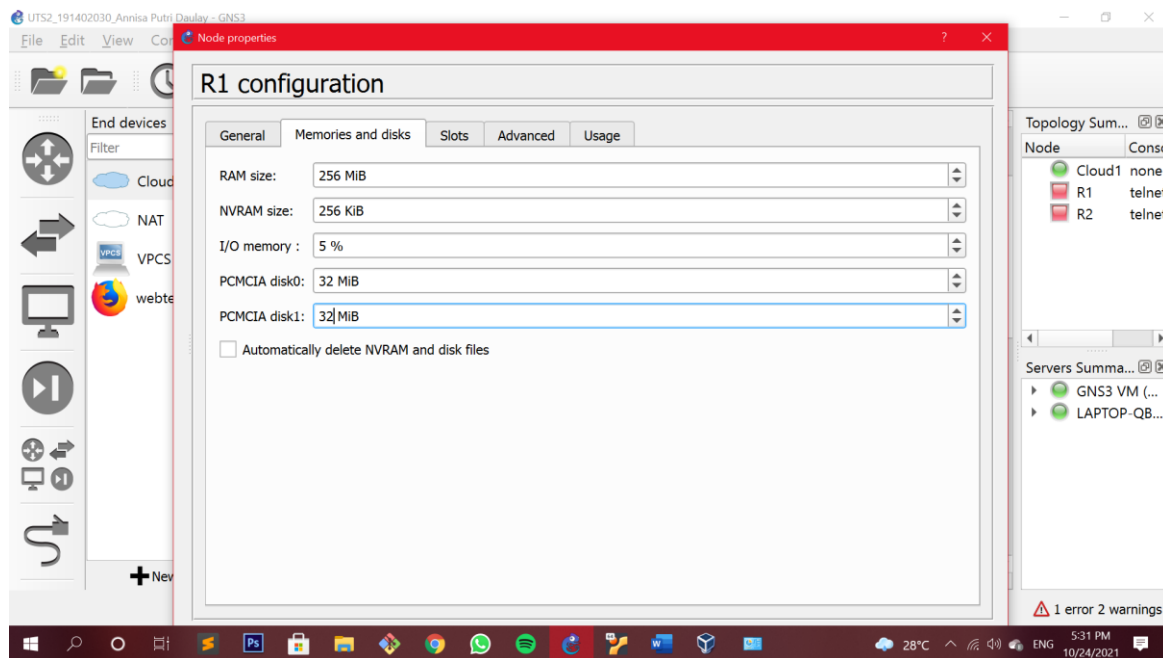
Maka tampilannya akan seperti ini



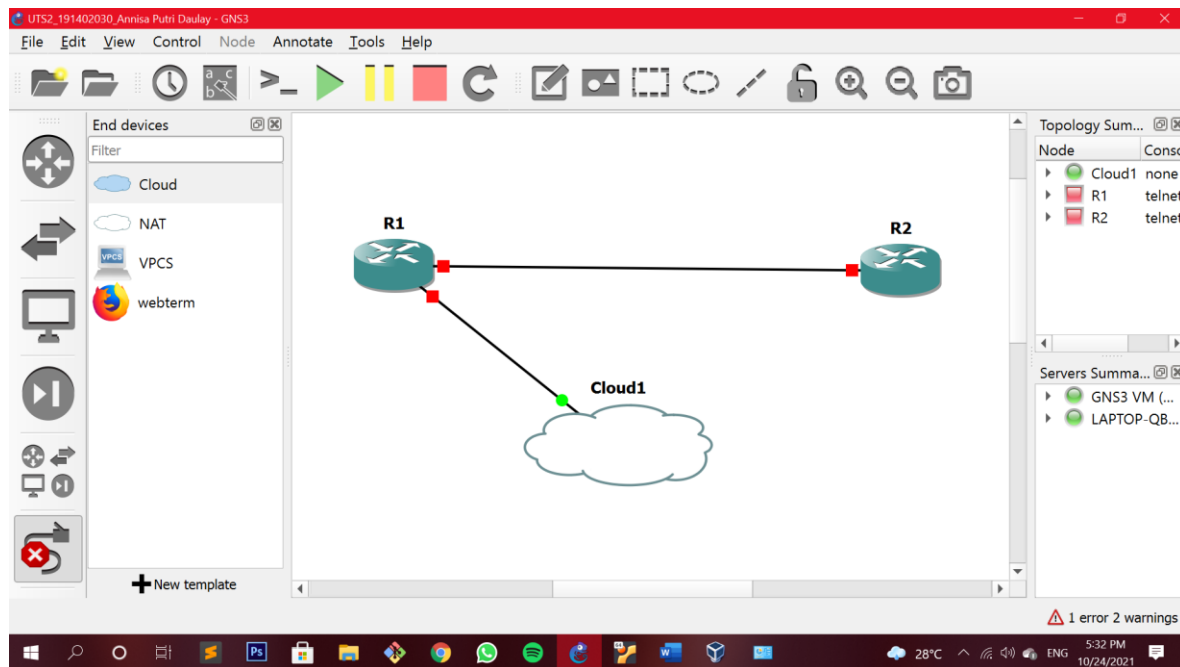
Selanjutnya lakukan konfigurasi pada router R1



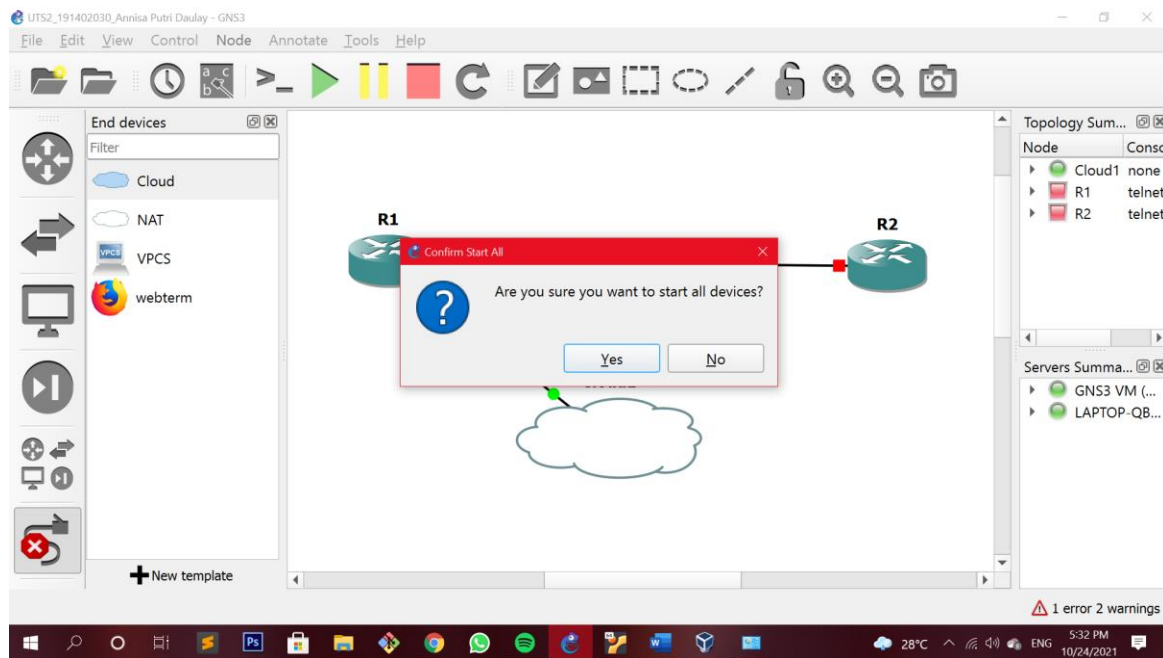
Kita melakukan konfigurasi pada ukuran RAM dan PCMCIA disk



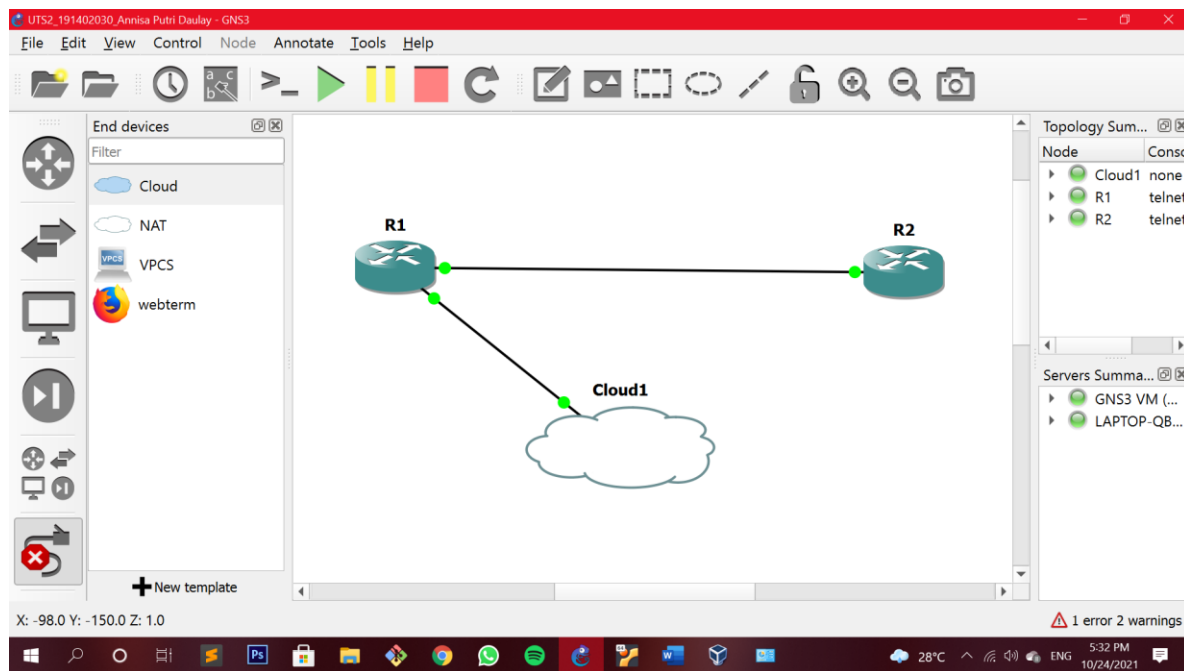
Selanjutnya sambungkan ketiganya



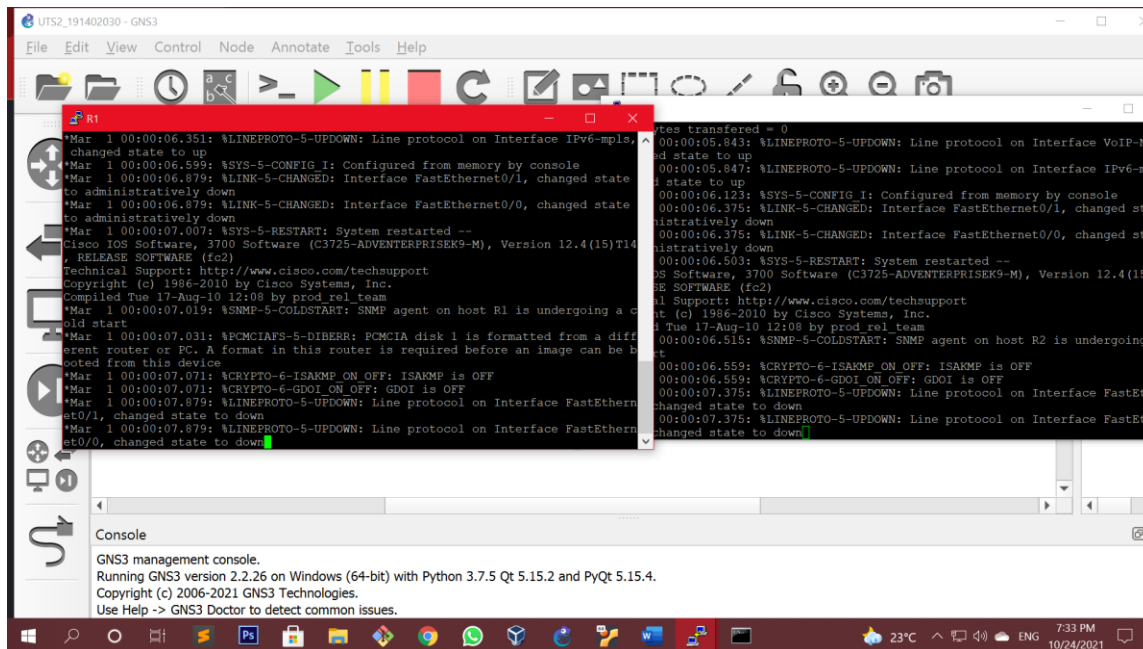
Kemudian start all devices.



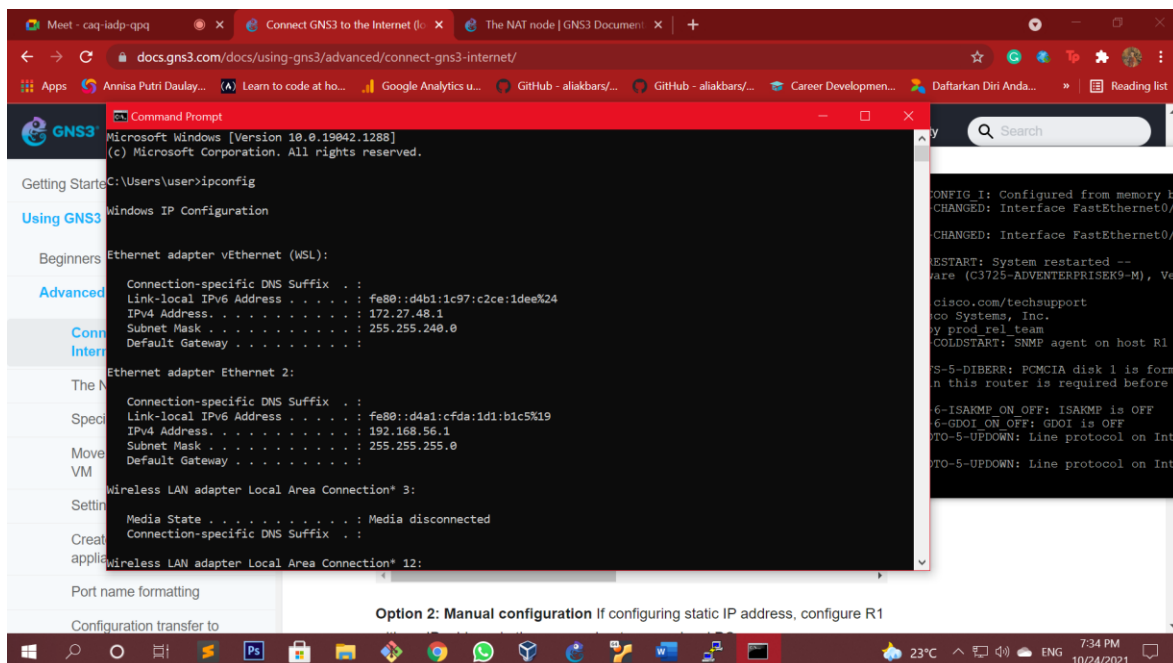
Jika berhasil, maka tampilannya seperti ini



Selanjutnya lakukan console untuk masing-masing router



The screenshot shows the GNS3 management console window. The title bar reads "UTS2_191402030 - GNS3". The menu bar includes File, Edit, View, Control, Node, Annotate, Tools, and Help. The toolbar contains various icons for file operations, navigation, and simulation control. The main console area displays a log for router R1, showing system startup messages, interface status changes (e.g., "LINEPROTO-5-UPDOWN: Line protocol on Interface IPv6-mpls, changed state to up"), and configuration commands. The bottom status bar indicates "GNS3 management console. Running GNS3 version 2.2.26 on Windows (64-bit) with Python 3.7.5 Qt 5.15.2 and PyQt 5.15.4. Copyright (c) 2006-2021 GNS3 Technologies. Use Help -> GNS3 Doctor to detect common issues."



The screenshot shows a web browser window with the address bar displaying "docs.gns3.com/docs/using-gns3/advanced/connect-gns3-internet/". The page content includes a sidebar with navigation links (Getting Started, Using GNS3, Beginners, Advanced, Connect, Internet, The NAT node, Specific, Move, VM, Setting, Create, apply, Port name formatting, Configuration transfer to) and a main content area with a "Command Prompt" window overlaid. The Command Prompt shows the output of the "ipconfig" command, displaying network configuration details for the Ethernet adapter vEthernet (WSL) and Ethernet 2. The status bar at the bottom of the browser window shows "Option 2: Manual configuration If configuring static IP address, configure R1".

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet 0/0
R1(config-if)#ip address 172.20.10.8 255.255.255.0
R1(config-if)#no shutdown
R1(config-if)#exit
R1(config)#
*Mar  1 00:03:13.419: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed
o up
*Mar  1 00:03:14.419: %LINEPROTO-5-UPDOWN: Line protocol on Interface Fa
et0/0, changed state to up
R1(config)#ip route 0.0.0.0 0.0.0.0 172.20.10.1
R1(config)#end
```

```
R1#ping 172.20.10.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.20.10.1, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 8/12/20 ms
R1#
```

```
R1(config)#ip domain-lookup
R1(config)#ip name-server 8.8.8.8
R1(config)#end
R1#
```

```
R1#ping google.com

Translating "google.com"...domain server (8.8.8.8) [OK]

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 142.251.10.139, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 68/93/112 ms
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet 0/1
R1(config-if)#ip adress 10.1.1.1 255.255.255.0
^
% Invalid input detected at '^' marker.

R1(config-if)#ip address 10.1.1.1 255.255.255.0
R1(config-if)#no shutdown
R1(config-if)#exit
*Mar  1 00:09:20.711: %LINK-3-UPDOWN: Interface FastEthernet0/1, changed state t
o up
*Mar  1 00:09:21.711: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthern
et0/1, changed state to up
R1(config-if)#exit
R1(config)#
```

```
R2(config)#router ospf 1
R2(config-router)#network 10.0.0.0 0.255.255.255 area 0
R2(config-router)#
*Mar  1 00:11:25.511: %OSPF-5-ADJCHG: Process 1, Nbr 172.20.10.8 on FastEthernet
0/0 from LOADING to FULL, Loading Done
R2(config-router)#end
R2#
*Mar  1 00:12:09.551: %SYS-5-CONFIG_I: Configured from console by console
R2#
```

```
R1(config)#router ospf 1
R1(config-router)#network 10.0.0.0.0 0.255.255.255 area 0
                        ^
% Invalid input detected at '^' marker.

R1(config-router)#network 10.0.0.0 0.255.255.255 area 0
R1(config-router)#default-information originate
R1(config-router)#end
R1#
*Mar  1 00:15:13.991: %SYS-5-CONFIG_I: Configured from console by console
R1#
*Mar  1 00:15:46.239: %OSPF-5-ADJCHG: Process 1, Nbr 10.1.1.2 on FastEthernet0/1
from LOADING to FULL, Loading Done
R1#
```

```
R2#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#ip domain-lookup
R2(config)#ip name-server 8.8.8.8
R2(config)#end
R2#
*Mar  1 00:13:39.411: %SYS-5-CONFIG_I: Configured from console by console
R2#
```