

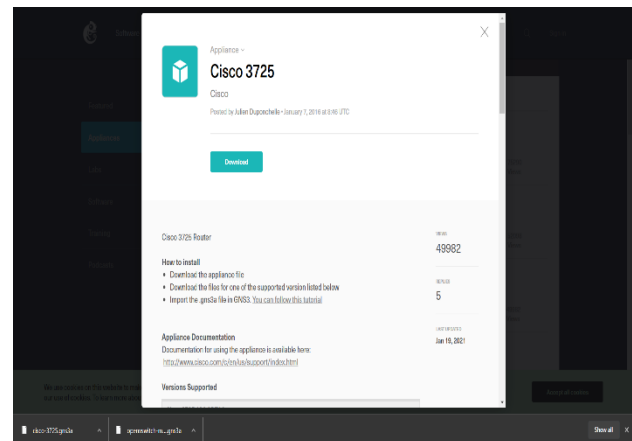
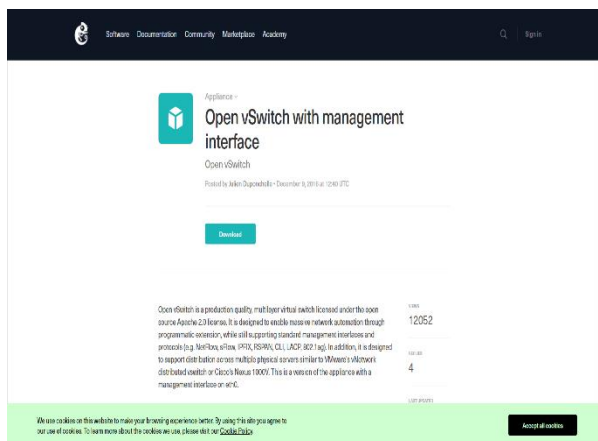
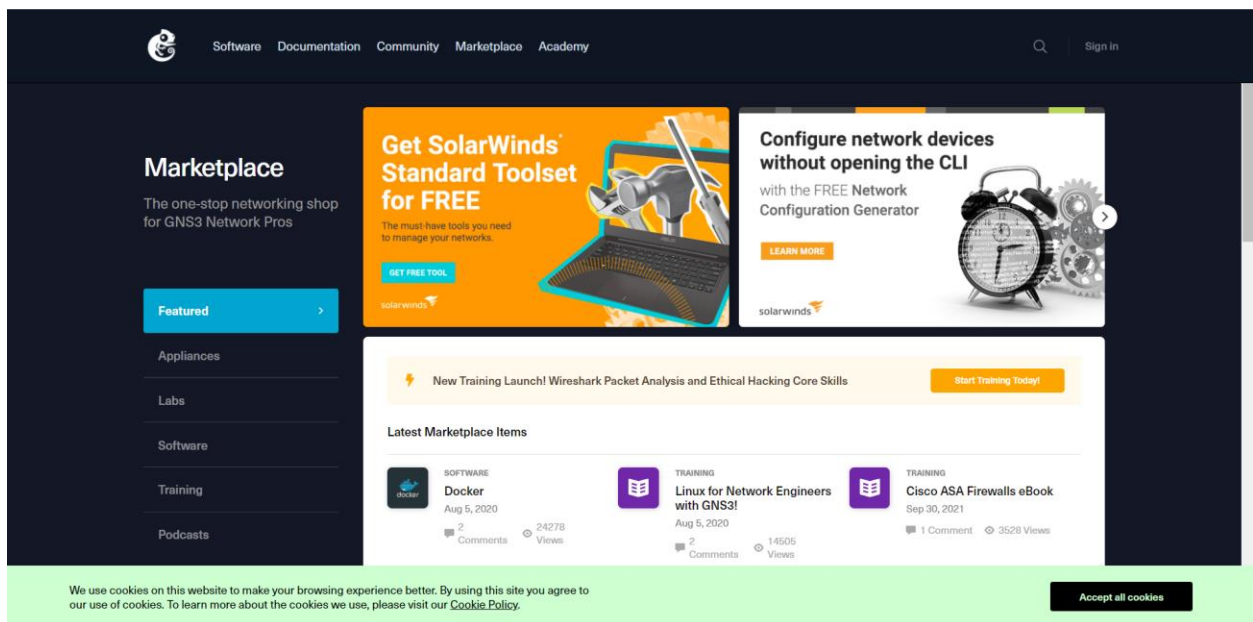
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Kom : C

Menghubungkan GNS3 ke Internet (Lokas Server)

1. Kita perlu mendownload Open vSwitch with management dan Cisco 3725 appliance di marketplace GNS3 terlebih dahulu.



2. Setelah itu kita mendownload cisco ios image 3725 seperti berikut.

The screenshot shows a web browser window with the URL networkrare.com/free-download-cisco-ios-images-for-gns3-and-eve-ng/. The page displays a table of Cisco IOS images available for download. The table has columns for image name, size, and download link. The image c3725-adventerprisek9-mz.124-15.T14.image.md5sum is highlighted.

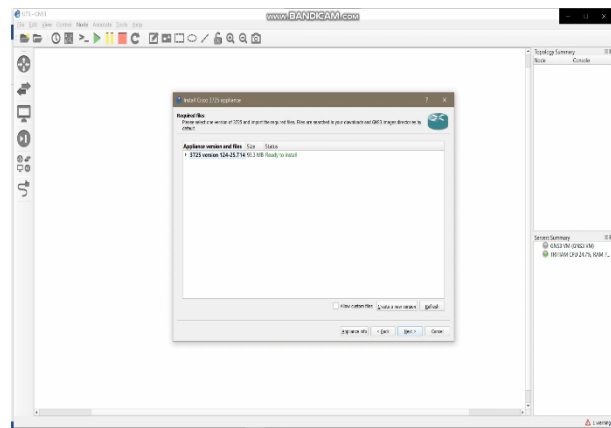
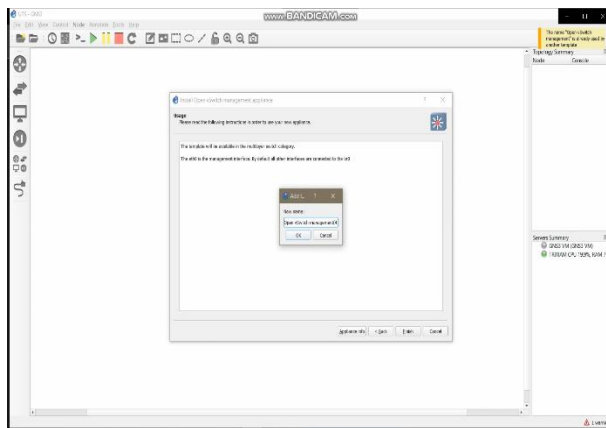
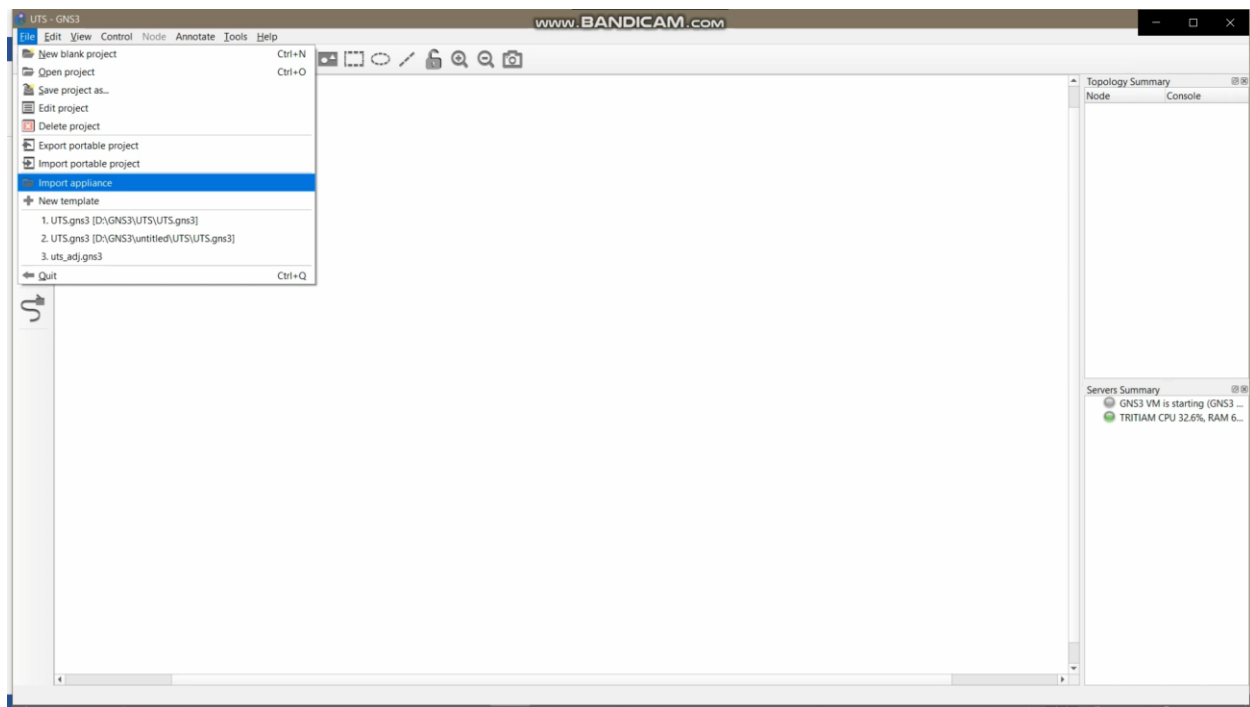
	Image Name	Size	For GNS3 & EVE-NG	Download
5	c3620-a3jk8s-mz.122-26c.image and c3620-a3jk8s-mz.122-26c.image.md5sum	37MB	For GNS3 & EVE-NG	Download
6	c3640-a3js-mz.124-25d.image and c3640-a3js-mz.124-25d.image.md5sum	63MB	For GNS3 & EVE-NG	Download
7	c3660-a3jk9s-mz.124-15.T14.image and c3660-a3jk9s-mz.124-15.T14.image.md5sum	86MB	For GNS3 & EVE-NG	Download
8	c3725-adventerprisek9-mz.124-15.T14.image and c3725-adventerprisek9-mz.124-15.T14.image.md5sum	93MB	For GNS3 & EVE-NG	Download
9	c3745-adventerprisek9-mz.124-25d.image and c3745-adventerprisek9-mz.124-25d.image.md5sum	78MB	For GNS3 & EVE-NG	Download
10	c7200-adventerprisek9-mz.153-3.XB12.image and c7200-adventerprisek9-mz.153-3.XB12.image.md5sum	125 MB	For GNS3 & EVE-NG	Download
11	c7200-adventerprisek9-mz.152-4.56.image	89MB	For GNS3 & EVE-NG	Download
12	c7200-adventerprisek9-mz.124-24.T5.image and c7200-adventerprisek9-mz.124-24.T5.image.md5sum	98MB	For GNS3 & EVE-NG	Download

Above mentioned IOS size is the actual size of image, but it will be show less size when you will download the image. Because files will be download in compressed format

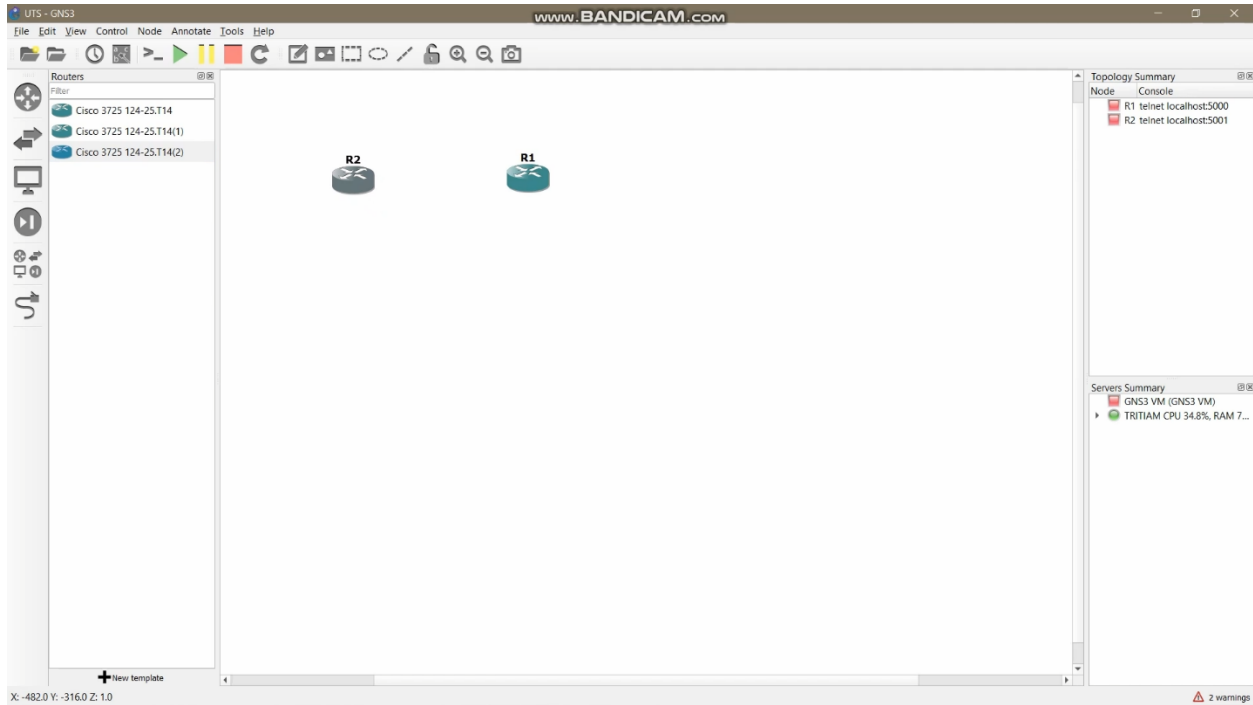
3. Di GNS3 kita membuat project baru seperti berikut

The screenshot shows the GNS3 application window. A 'Project' dialog box is open, showing the 'New project' tab. The 'Name' field is set to 'UTS' and the 'Location' field is set to 'D:\GNS3\UTS'. The 'Open project' section has 'Open a project from disk' selected. The 'Settings' button is visible at the bottom left of the dialog box. The background shows the GNS3 interface with a topology summary and servers summary panel on the right.

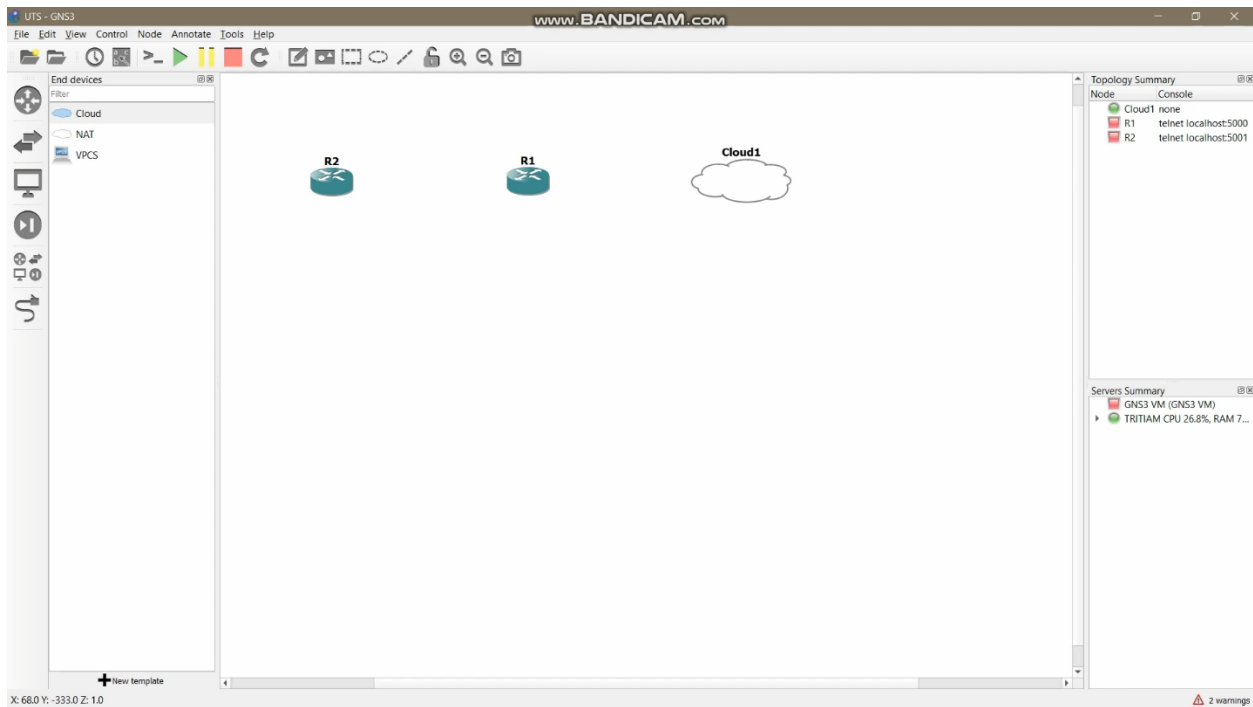
4. Kita import appliance dan cisco ios image 3725 yang sudah kita download ke GNS3



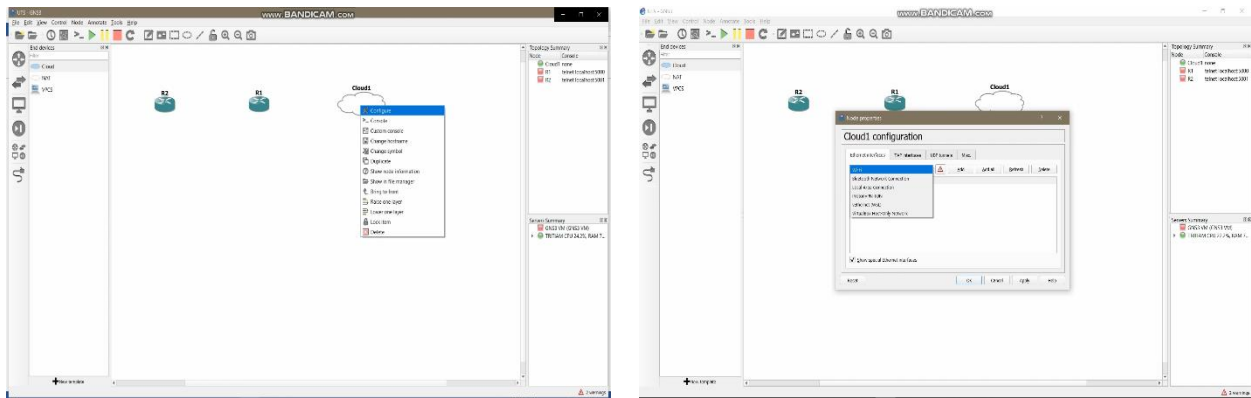
5. Kemudian kita tambahkan router cisco 3725 R1 dan R2 pada bagian toolbar yang sudah kita import tadi



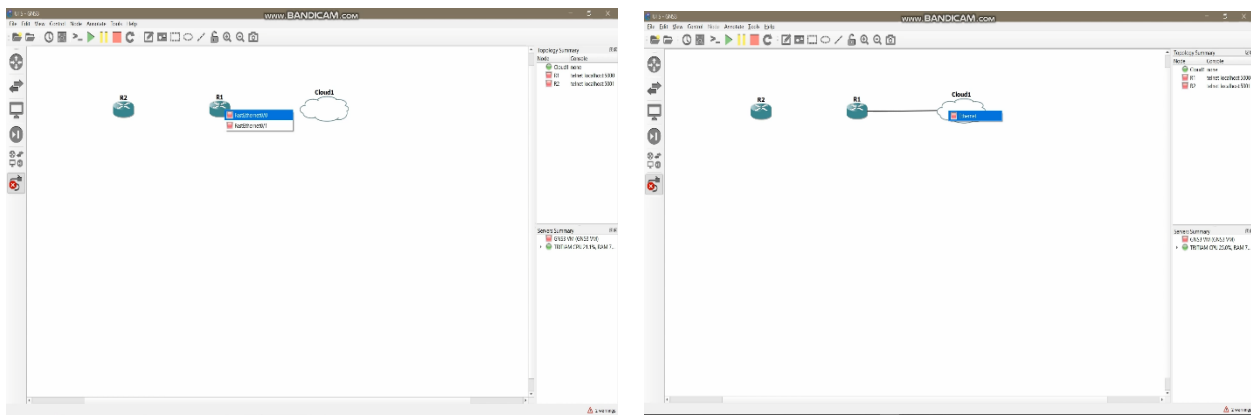
6. Kita tambahkan juga cloud pada bagian end devices yang mana kita memilih desktop untuk servernya



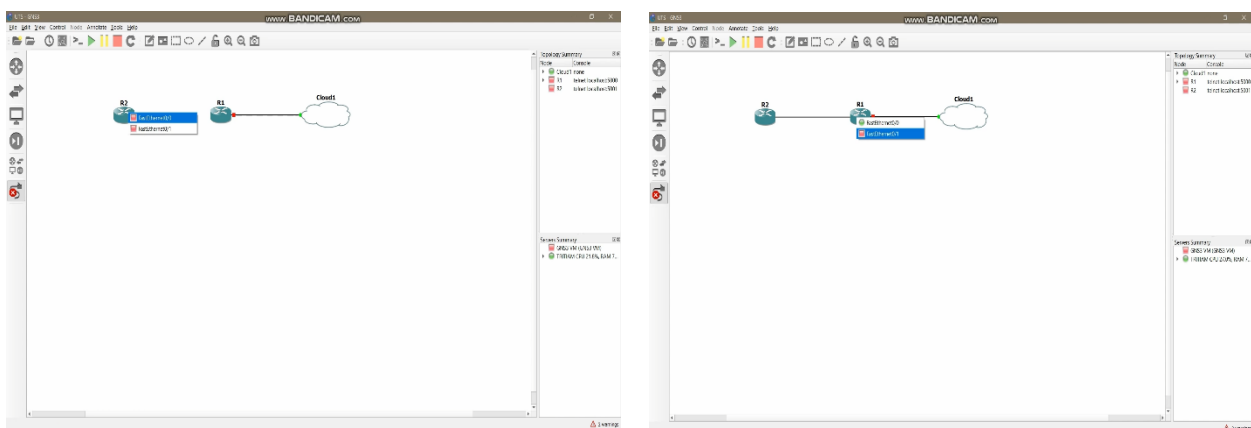
7. Kita konfigurasi cloudnya dengan mengklik kanan pada cloud seperti berikut



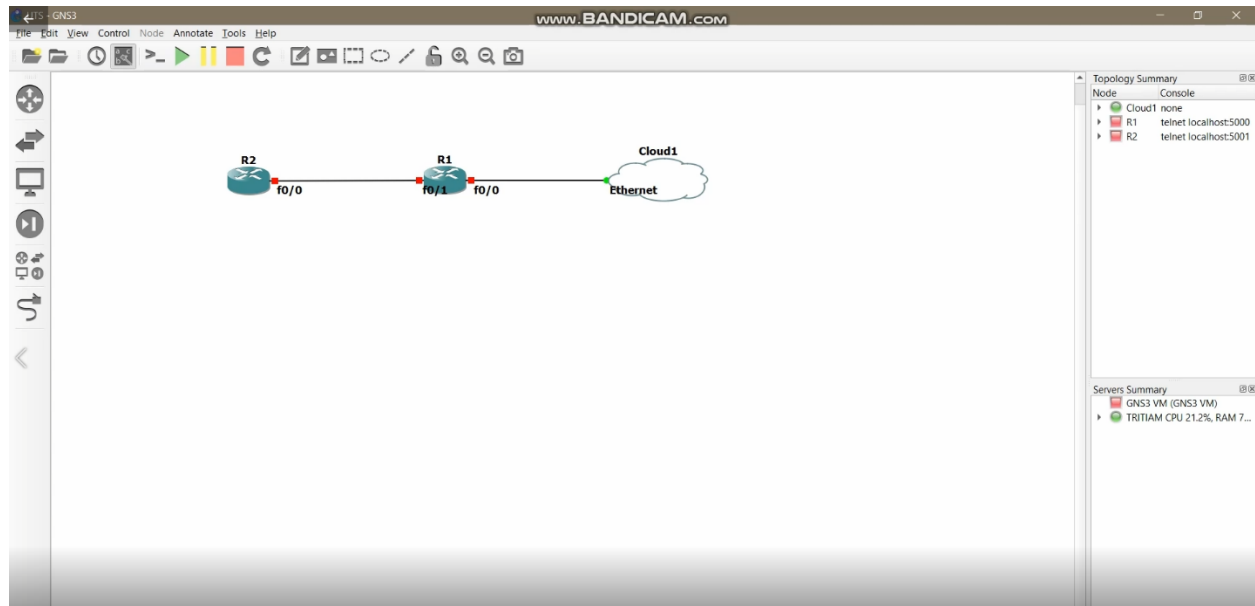
8. Ketika sudah kita tambahkan link dari router R1 (FastEthernet0/0) ke cloud (Ethernet)



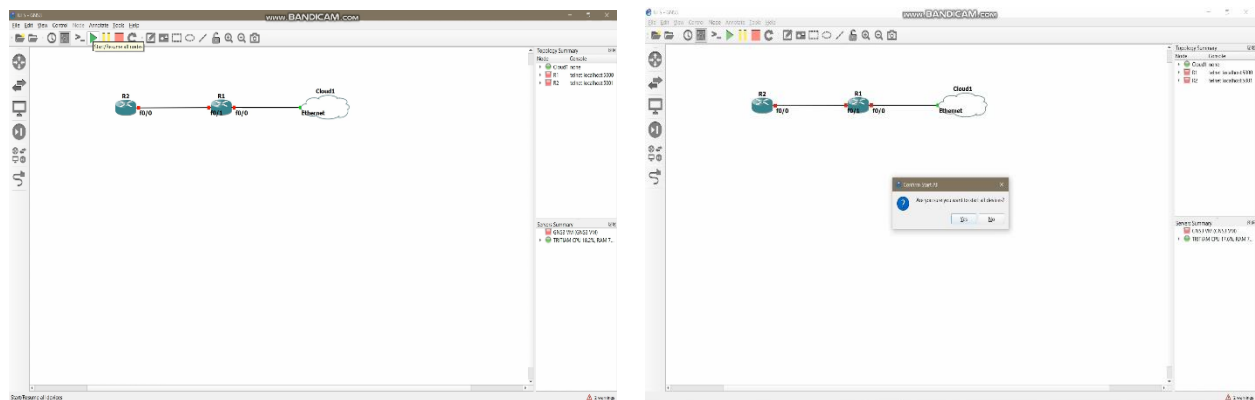
9. Kita tambahkan juga link dari router R1 (FastEthernet0/0) ke R2 (FastEthernet0/1)



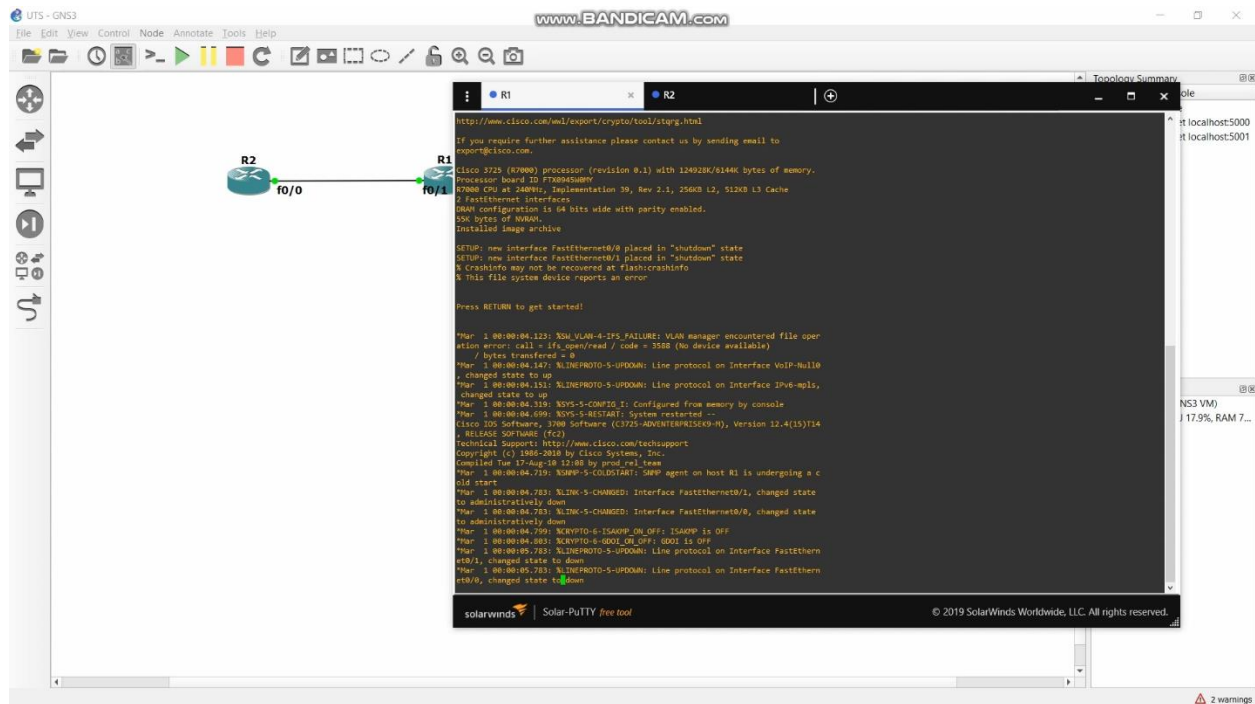
10. Jika link sudah ditambahkan kita dapat menekan show/hidden interface labels untuk menampilkan label interface pada topologi jaringan yang sudah kita buat



11. Sekarang kita dapat menyalakan perangkat jaringannya dengan mengklik tombol start/resume all nodes seperti berikut



12. Untuk mengonfigurasi perangkat jaringannya kita klik tombol console connect to all devices untuk membuka koneksi ke setiap perangkat di topologi



13. Selanjutnya kita akan mengkonfigurasi alamat IP Addressnya

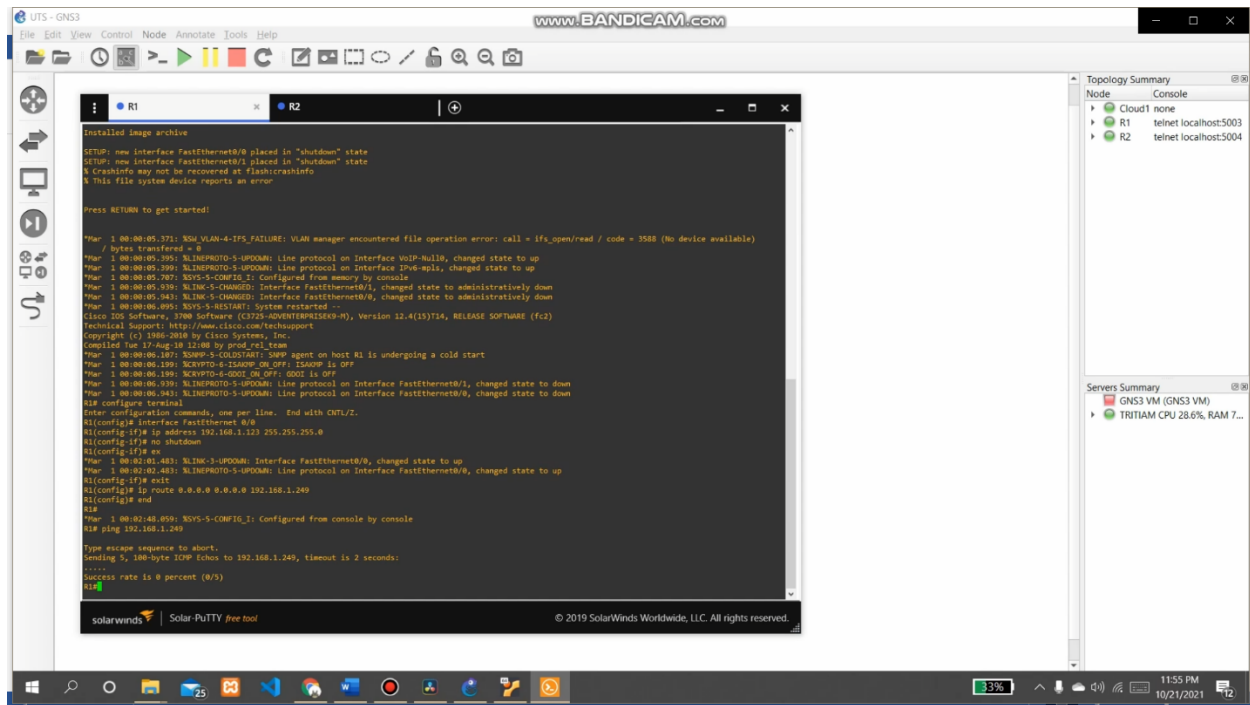
```
R1# configure terminal
R1(config)# interface FastEthernet 0/0
R1(config-if)# ip address 192.168.1.123 255.255.255.0
R1(config-if)# no shutdown
R1(config-if)# exit
```

- Konfigurasi gateway default:

```
R1(config)# ip route 0.0.0.0 0.0.0.0 192.168.1.249
R1(config)# end
```

- Ping gateway default router:

```
R1# ping 192.168.1.249
```



Ping berhasil