To start a new project, open terminal and run
gns3 &

Then create a new project, or open an existing project.

To add a new template,
Go to edit, preference, qemu vm and add new, then for image, go to path:
/home/vvsa/openwrt/bin/targets/x86/generic/openwrt-x86-generic-generic-squashfs-combined-efi.vmdk
Edit the number of adapters also, because we are using eth1.
Then drag and drop the respective end devices (NAT, and the template), link them both and run, open the console.

To get into the gns3 terminal, from my root terminal, first check the configurations in gns3 terminal:
vi /etc/config/dropbear

vi /etc/config/firewall //firewall is like a security wall between the devices, that will not allow any kind of connection, unless granted permission.

```
config zone
        option name             wan
        list   network          'wan'
        list   network          'wan6'
        option input            REJECT    //change it to accept to get the ssh permissions
        option output           ACCEPT
        option forward          REJECT   //change it to accept to get the ssh permissions
        option masq             1
        option mtu_fix          1
```

root@OpenWrt:/# /etc/init.d/lldpd //lldp is a Layer 2 protocol used by network devices to advertise their identity, capabilities, and connectivity information to directly connected neighbors on the same local network.

Syntax: /etc/init.d/lldpd [command] //same thing applicable for dropbear and firewall also

Available commands:

```
        start           Start the service
        stop            Stop the service
        restart         Restart the service
        reload          Reload configuration files (or restart if service does not implement reload)
        enable          Enable service autostart
```

disable	Disable service autostart
enabled	Check if service is started on boot
running	Check if service is running
status	Service status
trace	Start with syscall trace
info	Dump procd service info

Learn all these features….
After running stop check inside /etc/config/lldpd and see the changes….whats going on everything…..just fucking learn everything…