1. Check the current IP address of your machine.

Solution for 1

Ifconfig

1. Modify the DNS resolve settings to use 1.1.1.1 DNS server.

Solution for 2

sudo vim /etc/systemd/resolved.conf

###go to line start with DNS##

DNS=1.1.1.1

###press escape and wq to exit##

sudo systemctl restart systemd-resolved

1. Use ping and traceroute to verify the connection to [www.google.com](http://www.google.com/).

Solution for 3

ping [www.google.com](http://www.google.com)

traceroute [www.google.com](http://www.google.com)

1. Allow only incoming traffic to (http/https/ssh) services using firewall-cmd/UFW (depend on your machine).

Solution for 4

sudo firewall-cmd --permanent --remove-service=all

sudo firewall-cmd --permanent --add-service=http

sudo firewall-cmd --permanent --add-service=https

sudo firewall-cmd --permanent --add-service=ssh

sudo firewall-cmd --reload