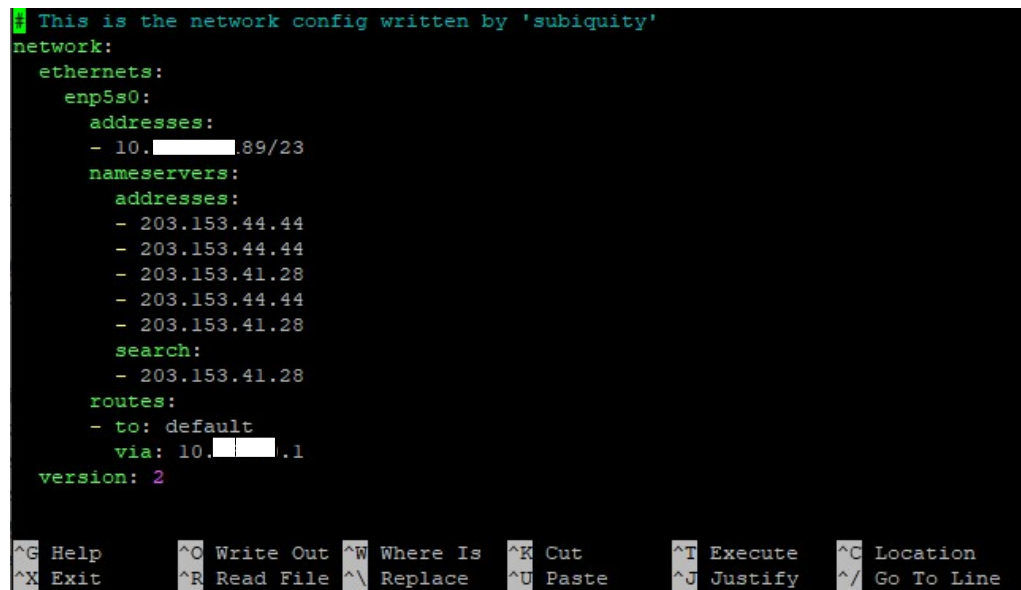


SERVER INSTALLATION PROCEDURE FOR USING *RExCS*

- Install Latest Ubuntu OS version.
- Provide Railnet Static IP and ensure connectivity.

cd /etc/netplan

sudo nano 00-installer-config.yaml



```
This is the network config written by 'subiquity'
network:
  ethernets:
    enp5s0:
      addresses:
        - 10.1.1.89/23
      nameservers:
        addresses:
          - 203.153.44.44
          - 203.153.44.44
          - 203.153.41.28
          - 203.153.44.44
          - 203.153.41.28
        search:
          - 203.153.41.28
      routes:
        - to: default
          via: 10.1.1.1
      version: 2

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

Provide IP address for the server, gateway address and DNS accordingly.

Save [cntrl+o] and Exit [cntrl+x]

- Install Desktop environment if required. Using following list of commands
 - *sudo apt update && apt upgrade*
 - *sudo apt install ubuntu-desktop*
 - *sudo apt install lightdm*
 - *sudo systemctl start lightdm.service*
 - *sudo service lightdmstart*

To remove Desktop Environment :

- *sudo apt autoremove ubuntu-desktop*
- *sudo systemctl stop lightdm.service*
- *sudo apt autoremove lightdm*

- Enable root password:
`"sudopasswd root"` then enter.
 Type desired root password and Enter
 Retype the password if asked and Enter
- Enable root login via SSH.
 Open Terminal and login to root. [ie: type "**su**" and click enter, then provide root password.]
`#nano /etc/ssh/sshd_config`
 Check for the line **#PermitRootLogin**. Remove # from that line and make it as
`PermitRootLogin yes`
 Save [cntrl+o] and Exit [cntrl+x]
`systemctl restart sshd` or
`service sshd restart`
- Login to **RExCS** [10.187.1.2].
 New user need to signup to use **RExCS**. The user account will be activated by Admin.
 Once the account is activated, Login to **RExCS**.

 For new Exchange creation, **Create new 'Registrar'** by providing all the necessary details including IP of the server , root username and Root password.

Install Asterisk ,RExCL tool and other related softwares by Clicking on "Install Button"

 * Create Intercoms in the Registrar,
 * Start creating Phone-accounts,
 *Other features required for the exchange also can be configured in the UI pages.
Then Save it to VOIP server by clicking "Save to Server" button.

The Created Registrar, ICOMs , accounts etc will be saved in the database of RExCS and can be edited or deleted any time by logging in with same user account.