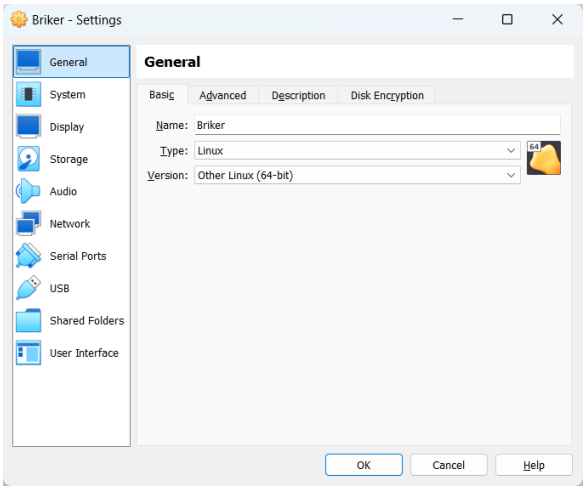
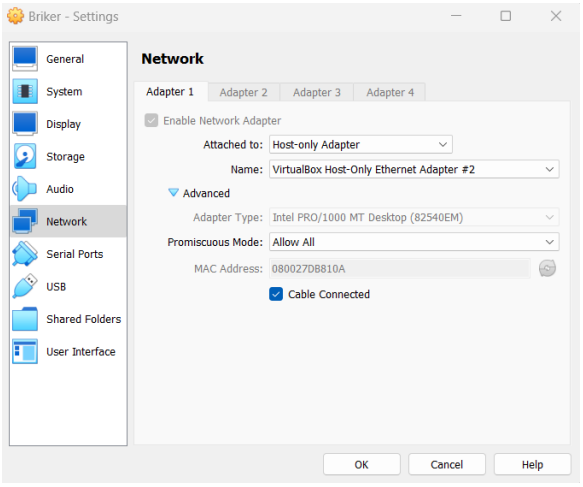
WRITE UP BRIKER - LU'LU'AH NAFISA

A. Configuration on Briker VM

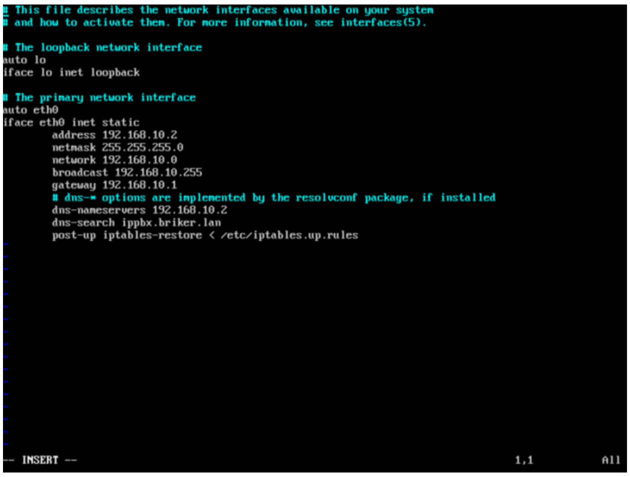
1. Create briker vm
   - Install ISO briker (https://dn721905.ca.archive.org/0/items/briker-2.1.1/briker-2.1.1.iso)
   - Choose **linux** as type and **other linux (64-bit)** as version



1. Setup network adapter to **host-only** mode

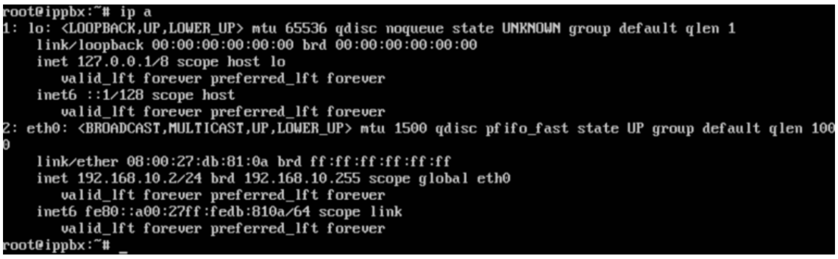


2. Setup ip address with run command vi /etc/network/interfaces
   - Click 'i' to insert editing
   - Click escape and type ':wq' to save and exit

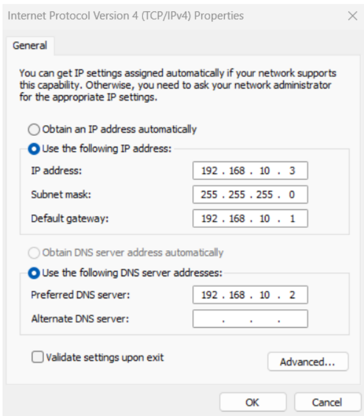


3. Stop and start interface with run command ‘ifdown eth0 && ifup eth0’
4. Restart interface with run command ‘service networking restart’

5. Check ip address with run command ‘ip a’



6. Setup ip address on laptop with open windows run ‘windows + r’ and type ncpa.cpl
   - Change to static mode
   - Add ip address, subnet mask, default gateway, and dns server with adjust network vm



7. Test ping on cmd to ip vm (192.168.10.2)

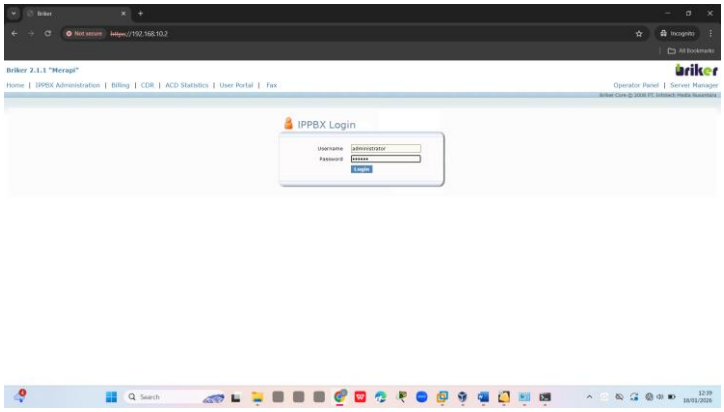
```
C:\Users\ASUS>ping 192.168.10.2

Pinging 192.168.10.2 with 32 bytes of data:
Reply from 192.168.10.2: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.10.2:
    Packets: Sent = 1, Received = 1, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

8. Test ping on vm to ip client (192.168.10.3)

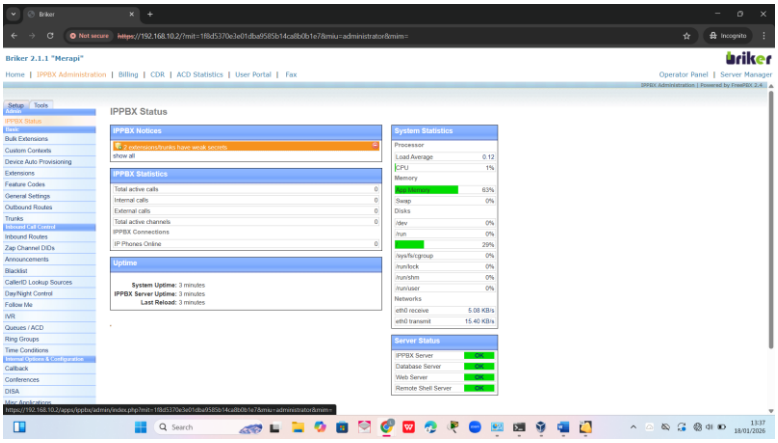
```
root@ippbx:~# ping 192.168.10.3
PING 192.168.10.3 (192.168.10.3) 56(84) bytes of data.
64 bytes from 192.168.10.3: icmp_seq=5 ttl=128 time=0.767 ms
64 bytes from 192.168.10.3: icmp_seq=6 ttl=128 time=0.551 ms
^C
--- 192.168.10.3 ping statistics ---
6 packets transmitted, 2 received, 66% packet loss, time 5030ms
rtt min/avg/max/mdev = 0.551/0.659/0.767/0.108 ms
root@ippbx:~#
```

B. Configuration Extension on Briker Manager

1. If your internet was connected, open chrome and search your ip vm to open briker manager
2. Type ‘administrator’ as username and ‘Briker’ as password



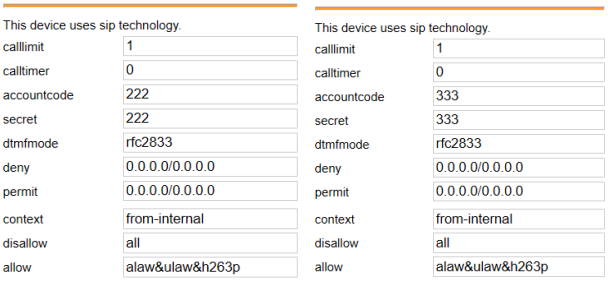
3. Go to the IPPBX Administration menu



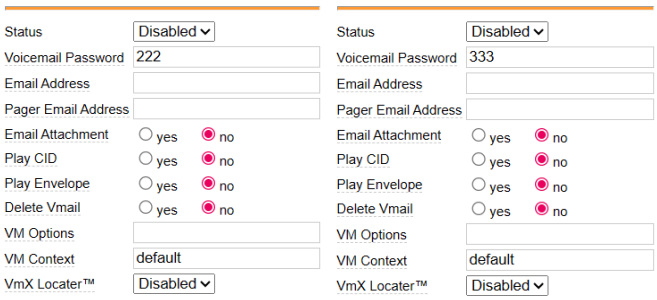
4. Go to the extensions menu and click submit to add extensions (create 2 extension)
5. Setup SIP extension
   - Add user extension as number phone

- Add display name as contact name

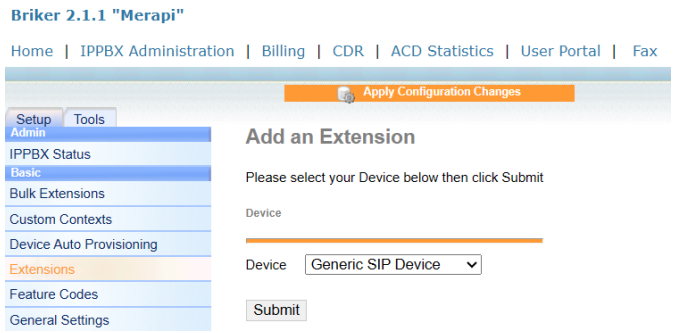
- Add accountcode
- Add secret as password



- Add voicemail password



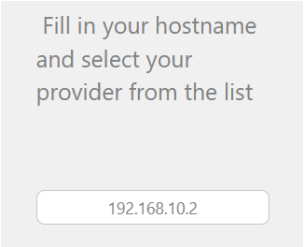
6. Click ‘apply configuration changes’ to save your configuration and click continue with reload



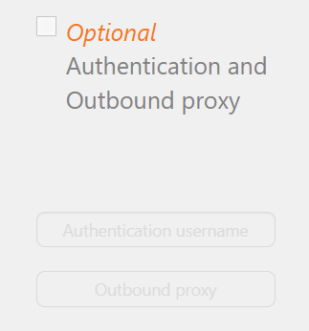
C. Login Account on Zoiper Phone as Virtual Phone

1. Open zoiper application as lala virtual phone
2. Add username ‘user extension@ip vm’ and password, click login

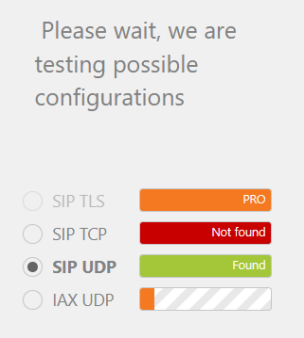
3. Click next and the ip will be filled in by default



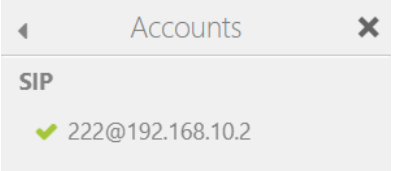
4. Click skip to authentication and outbound proxy



5. Wait until SIP UDP to be green color and filled full, and then click next

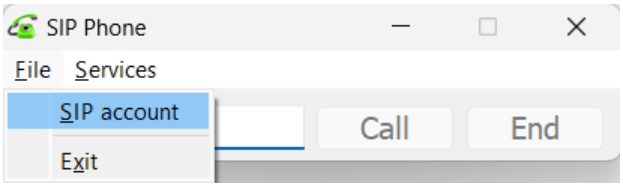


6. Account was created if appear like this image

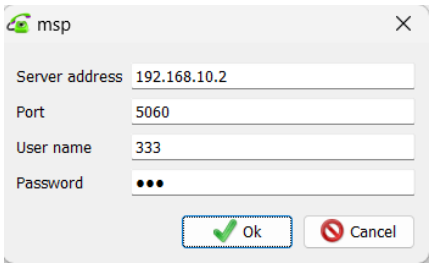


D. Login Account on SIP Phone as Other Virtual Phone

1. Open SIP phone as lili virtual phone
2. Go to the file menu and click SIP account

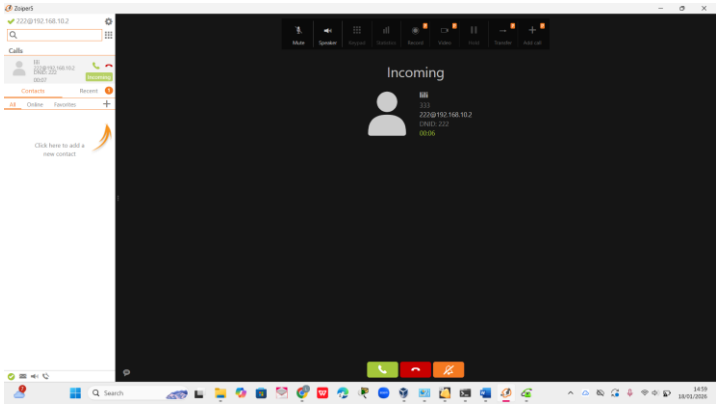


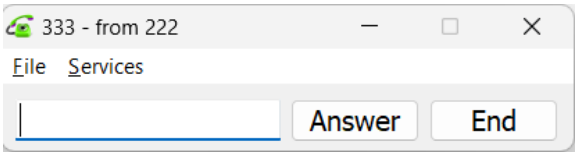
3. Setup account
   - Add server address (IP vm)
   - Add user name (user extension)
   - Add password



E. Test Call from SIP Phone to Zoiper

1. Type lala phone number (222), and then click call. If successful, your laptop will be ringing from zoiper phone



F. Test Call from Zoiper to SIP Phone

2. Type lili phone number (333), and then click enter. If successful, your laptop will be ringing from SIP phone