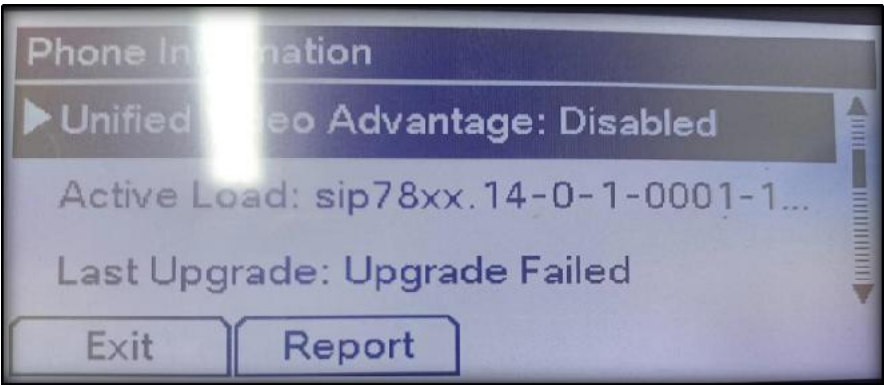


思科话机 CP-7841 和 CP-8841 如何注册到 JustINA 系统?

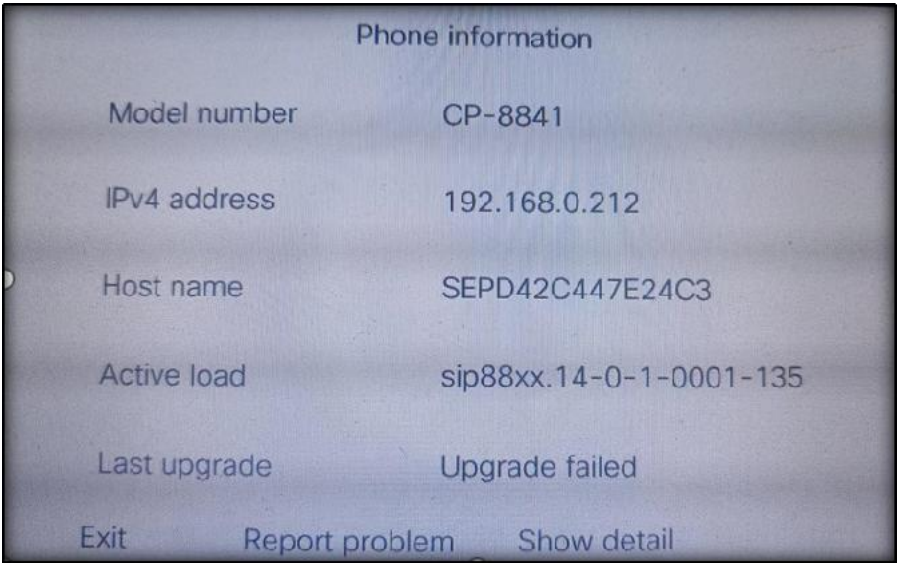
测试场景：如何将 CP-8841 和 CP-7841 注册到 Equinet 的 JustINA 系统?

两话机测试版本：

CP-7841



CP-8841:



思科哪些话机支持SIP?

78系列, 默认带SIP, 不用刷机;

79系列, 需要刷机, 刷成SIP版本;

3905/3911/3951 默认自带SIP, 不用刷机;

68/89/99/88, 默认自带SIP, 不用刷机。

测试环境:

1. 笔记本电脑
2. 思科话机 (CP-8841 和 CP-7841)
3. 傻瓜式的 POE 交换机
4. IPPBX-JustINA 系统
5. 网线若干


```

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
<disableLocalSpeedDialConfig>false</disableLocalSpeedDialConfig>
<startMediaPort>16384</startMediaPort>
<stopMediaPort>32766</stopMediaPort>
<sipLines>
  <line button="1">
    <featureID>9</featureID>
    <featureLabel>7032</featureLabel>
    <proxy>192.168.0.232</proxy>
    <port>5060</port>
    <name>7032</name>
    <displayName>>7032</displayName>
    <autoAnswer>
      <autoAnswerEnabled>2</autoAnswerEnabled>
    </autoAnswer>
    <callWaiting>3</callWaiting>
    <authName>7032</authName>
    <authPassword>703</authPassword>
    <sharedLine>false</sharedLine>
    <messageWaitingLampPolicy>1</messageWaitingLampPolicy>
    <messagesNumber>999</messagesNumber>
    <ringSettingIdle>4</ringSettingIdle>
    <ringSettingActive>5</ringSettingActive>
    <contact>#EXTENSION</contact>
  </line>
</sipLines>
  
```

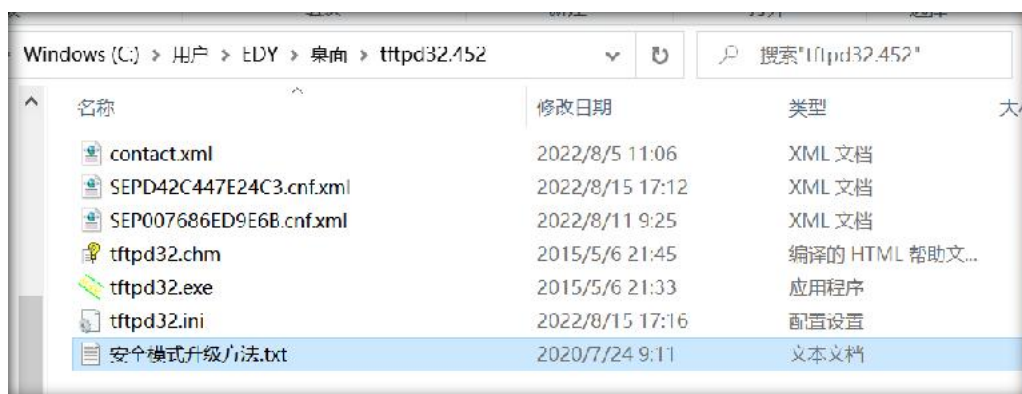
步骤 3: 配置 TFTP 服务器

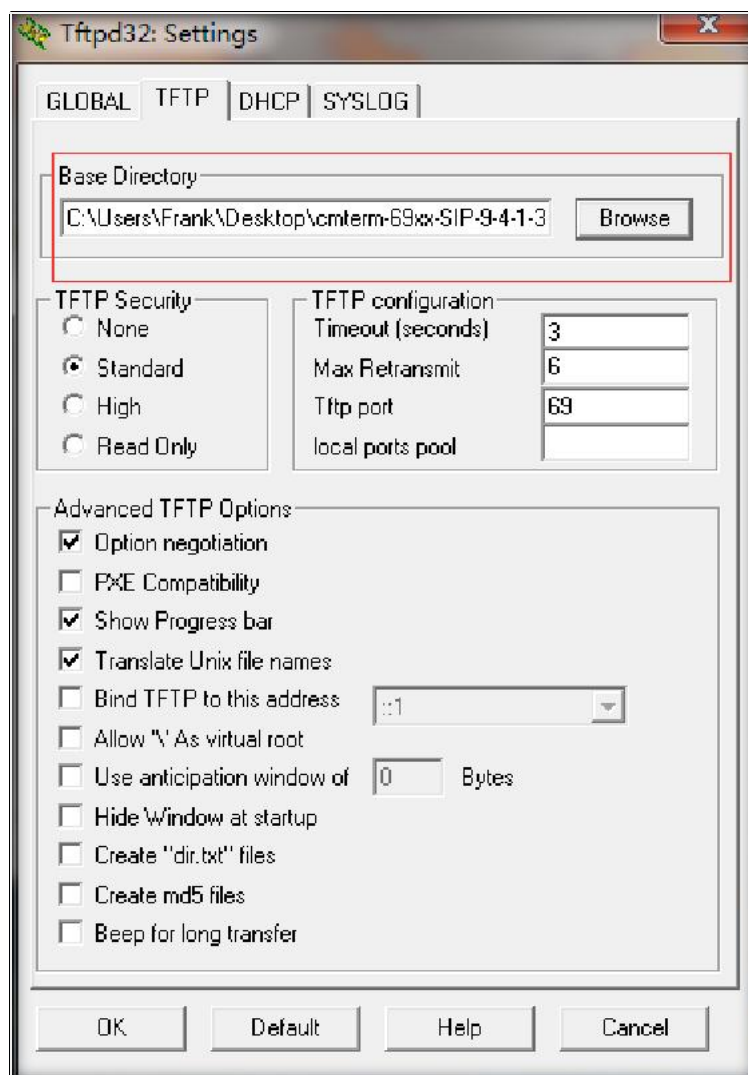
- 在电脑打开 tftpd32。



tftpd32.452.7z

- 配置 TFTP 服务器，选择我们提取的文件夹。把.cnf.xml 放进去





- 配置 DHCP 服务器，请查看下图，我们需要配置 IP 池起始地址，池大小，租约，路由器 ip，掩码，DNS 服务器，sip 服务器，启用 Blind DHCP 选项到该服务器（你的 tftp 服务器）IP）。

Tftpd32: Settings

GLOBAL | TFTP | DHCP | SYSLOG

DHCP Pool definition

IP pool start address: 10.168.1.100

Size of pool: 30

Lease (minutes): 200

Boot File:

DHCP Options

Def. router (Opt 3): 10.168.0.1

Mask (Opt 1): 255.255.254.0

DNS Servers (Opt 6): 10.168.0.1

WINS server (Opt 44): 10.168.0.1

NTP server (Opt 42):

SIP server (Opt 120): 10.168.1.133

Domain Name (15):

Additional Option: 0

DHCP Settings

☐ Ping address before assignation

☐ Persistent leases

☐ Double answer if relay detected

☒ Bind DHCP to this address: 10.168.1.133

OK Default Help Cancel

步骤 4: 话机向 tftp 请求注册

把 justINA 电脑连接到网络交换机, 然后再把思科话机连接到网络交换机 (注意话机最后再连接)

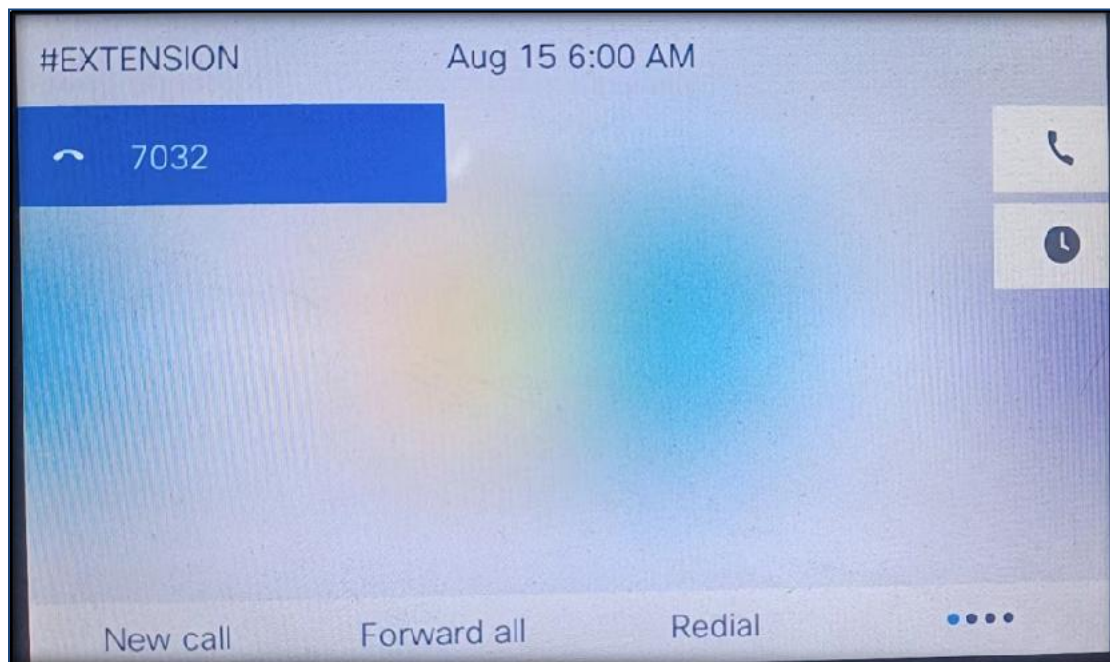
如果一切顺利可以在 tftp 日志看到请求文件



IPPBX 显示注册成功



话机中注册成功界面



然后就可以做呼叫测试了。

FAQ1:

客户获取到配置文件了但是测试 7821 话机注册不上

```

        <name>0.centos.pool.ntp.org</name>
        <ntpMode>Unicast</ntpMode>
    </ntp>
</ntps>
</dateTimeSetting>
- <callManagerGroup>
    - <members>
        - <member priority="0">
            - <callManager>
                - <ports>
                    <ethernetPhonePort>2000</ethernetPhonePort>
                    <sipPort>5060</sipPort>
                    <securedSipPort>5061</securedSipPort>
                </ports>
                <processNodeName>#3CX IP</processNodeName>
            </callManager>
        </member>
    </members>
</callManagerGroup>
</devicePool>
- <sipProfile>
    - <sipProxies>

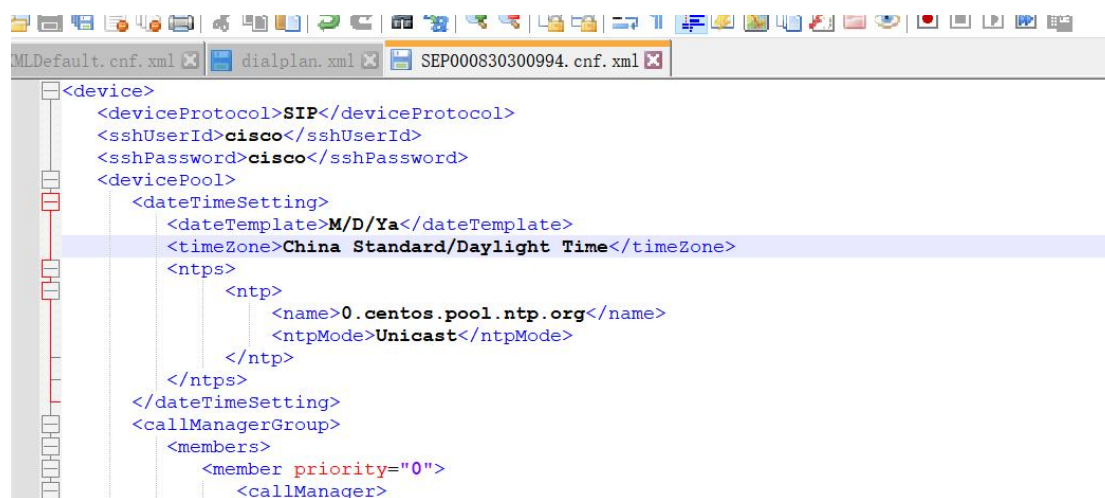
```

需要这个配置改成 sip 服务器地址

FAQ2:

思科话机时间不准:

修改时间: 中国时区



时区表

timeZone

Name of the local time zone. Display time is adjusted by the number of minutes from UTC.

Dateline Standard Time	-720	Samoa Standard Time	-660	Hawaiian Standard Time	-600
Alaskan Standard/Daylight Time	-540	Pacific Standard/Daylight Time	-480	Mountain Standard/Daylight Time	-420
US Mountain Standard Time	-420	Central Standard/Daylight Time	-360	Mexico Standard/Daylight Time	-360
Canada Central Standard Time	-360	SA Pacific Standard Time	-300	Eastern Standard/Daylight Time	-300
US Eastern Standard Time	-300	Atlantic Standard/Daylight Time	-240	SA Western Standard Time	-240
Pacific SA Standard Time	-240	Newfoundland Standard/Daylight Time	-210	E. South America Standard/Daylight Time	-180
SA Eastern Standard Time	-180	Pacific SA Daylight Time	-180	Mid-Atlantic Standard/Daylight Time	-120
Azores Standard/Daylight Time	-60	GMT Standard/Daylight Time	+0	Greenwich Standard Time	+0
W. Europe Standard/Daylight Time	+60	GTB Standard/Daylight Time	+60	Egypt Standard/Daylight Time	+60
E. Europe Standard/Daylight Time	+60	Romance Standard/Daylight Time	+120	Central Europe Standard/Daylight Time	+120
South Africa Standard Time	+120	Jerusalem Standard/Daylight Time	+120	Saudi Arabia Standard Time	+180
Russian Standard/Daylight Time	+180	Iran Standard/Daylight Time	+210	Caucasus Standard/Daylight Time	+240
Arabian Standard Time	+240	Afghanistan Standard Time	+270	West Asia Standard Time	+300
Ekaterinburg Standard Time	+300	India Standard Time	+330	Central Asia Standard Time	+360
SE Asia Standard Time	+420	China Standard/Daylight Time	+480	Taipei Standard Time	+480
Tokyo Standard Time	+540	Cen. Australia Standard/Daylight Time	+570	AUS Central Standard Time	+570
E. Australia Standard Time	+600	AUS Eastern Standard/Daylight Time	+600	West Pacific Standard Time	+600
Tasmania Standard/Daylight Time	+600	Central Pacific Standard Time	+660	Fiji Standard Time	+720
New Zealand Standard/Daylight Time	+720				

```
<timeZone>TIME_ZONE</timeZone>
<ntps>
  <ntp>
```