思科话机 7821 sccp 版本升级为 sip 版本

准备工具

1. Tftp 工具



tftpd32.7z

2. sip 版本

cmterm-78xx.14-0-1-0001-135.zip

3.XMLDefault.cnf.xml 文件

XMLDefault.cnf.xml

- 4.话机 7821
- 5.poe 交换机
- 6.笔记本电脑
- 7.若干网线

第一步: 电脑配置网路, tftp 服务和 dhcp 服务器

1.电脑配置地址 192.168.10.1

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| 信息并 | ✓ □士丽 4 届性 Internet 协议版本 4 (TCF) | /IPv4) 属性 |
|----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1 | 网络 第规 连 如果网络支持此功能, 统管理员处获得适当的 | 则可以获取自动指派的 IP 设置。否则,你需要从网络系 IP 设置。 |
|]连接或[i、拨号i | 此 自动获得 IP 地址 使用下面的 IP 地 IP 地址(I): 子网掩码(U): 武认网关(D): | (0) at(S): 192 . 168 . 10 . 1 255 . 255 . 255 . 0 |
| 辦答 ≹复网络∣ | ○ 自动获得 DNS 服 ● 使用下面的 DNS 首选 DNS 服务器(E 者用 DNS 服务器(E | 务器地址(B) 服务器地址(E):): · · · · · · · · · · · · · · · · · · · |
| | □退出时验证设置 | 山) 高级(_) |
| | | 确定 取消 |

3. 配置 dhcp 和 tftp 服务器

| Tftpd32 by | Ph. Jounin | | | | | X |
|-----------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------|------|---|
| Current Directory Server interfaces Thtp Server DHI | Ph. Jounin <mark>D.读面\cisco</mark> [127.0.0.1 CP server Syslog server | Software Loopback Interface 1 Log viewer | Tftpd32: Settings GLOBAL TFTP DHCP SYSLOG Start Services TFTP Server TFTP Client SNTP server Syslog Server V DHCP Server | | × | |
| Clear Copy | | | DNS Server Enable IPv6 OK Default Help | Cance | | |
| About | 1 | <u>S</u> | ettings | ŀ | lelp | |

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| Tftpd32 by P | Ph. Jounin | | | |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Tftpd32 by F Current Directory Server interfaces Tftp Server DHC | Ph. Jounin Ph. Jounin 7. 集面\cisco 127.0.0.1 P server Syslog server | Software Loopback Interface | ◆ Tftpd32: Settings GLOBAL TFTP DHCP SYSLOG Base Directory D:桌面\cmterm-7945_7965-sip.8-5-4 TFTP Security ○ None ○ Standard ○ High ○ Read Only IST pool IST P Configuration Timeout (seconds) 3 Max Retransmit 6 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | | | Advanced TFTP Options Option negotiation PXE Compatibility Show Progress bar Translate Unix file names Bind TFTP to this address Bind TFTP to this address Hide Virtual root Use anticipation window of Use anticipation window of Create md5 files Beep for long transfer | |
| Clear Copy | | | | |
| About | | | Settings | Help |

🔖 Tftpd32: Settings

| GLOBAL TFTP DH | ICP SYSLOG | | | | | |
|-----------------------------------------|-----------------|--|--------|--|--|--|
| - DHCP Pool definition - | | | | | | |
| IP pool start address | 192.168.10.100 | | | | | |
| Size of pool | 20 | | | | | |
| Lease (minutes) | 600 | | | | | |
| Boot File | - | | | | | |
| DHCP Options | | | | | | |
| Def. router (Opt 3) | 192.168.10.1 | | | | | |
| Mask (Opt 1) | 255.255.255.0 | | | | | |
| DNS Servers (Opt 6) | 192.168.10.1 | | | | | |
| WINS server (Opt 44) | 192.168.10.1 | | | | | |
| NTP server (Opt 42) | | | | | | |
| SIP server (Opt 120) | 192.168.10.1 | | | | | |
| Domain Name (15) | [| | | | | |
| Additional Option | | | 1 | | | |
| − DHCP Settings □ Ping address befo | e assignation | | | | | |
| | | | | | | |
| Double answer if relay detected | | | | | | |
| Bind DHCP to this address 192.168.10.1 | | | | | | |
| <u> </u> | efault <u>I</u> | | Cancel | | | |

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第二步:准备升级思科话机 sip 版本和修改 XMLDefault.cnf.xml

| | | ^ | | | |
|----------------|---|-------------------------|-----------------|----------|---------|
| | Ŷ | 名称 | 修改日期 | 类型 | 大小 |
| | | apps45.8-5-4TH1-6.sbn | 2024/8/15 17:30 | SBN 文件 | 2,868 k |
| | | cnu45.8-5-4TH1-6.sbn | 2024/8/15 17:30 | SBN 文件 | 513 k |
| | * | cvm45sip.8-5-4TH1-6.sbn | 2024/8/15 17:30 | SBN 文件 | 2,437 k |
| | * | dsp45.8-5-4TH1-6.sbn | 2024/8/15 17:30 | SBN 文件 | 335 k |
| | * | jar45sip.8-5-4TH1-6.sbn | 2024/8/15 17:30 | SBN 文件 | 1,841 k |
| | | SIP45.8-5-4S.loads | 2024/8/15 17:30 | LOADS 文件 | 1 k |
| | | term45.default.loads | 2024/8/15 17:30 | LOADS 文件 | 1 k |
| 7965-sip.8-5-4 | | term65.default.loads | 2024/8/15 17:30 | LOADS 文件 | 1 K |
| | | XMLDefault.cnf.xml | 2024/8/19 17:43 | XML 文档 | 12 k |

如果是 7821 需要把这行改成 sip78xx.14-0-1-0001-135

| 104 | <pre><loadinformation6l model="H.323 Phone"></loadinformation6l></pre> |
|-----|--------------------------------------------------------------------------------------------------------------------|
| 105 | <loadinformation7 model="Cisco 7960">P0030801SR02</loadinformation7> |
| 106 | <loadinformation100 model="Load Simulator"></loadinformation100> |
| 107 | <pre><loadinformation111 model="Media Termination Point Hardware">M00104000006</loadinformation111></pre> |
| 108 | <loadinformation120 model="MGCP Station"></loadinformation120> |
| 109 | <pre><loadinformation121 model="MGCP Trunk"></loadinformation121></pre> |
| 110 | <pre><loadinformation588 model="Generic Desktop Video Endpoint"></loadinformation588></pre> |
| 111 | <pre><loadinformation632 model="Cisco Cius SP"></loadinformation632></pre> |
| 112 | <pre><loadinformation647 model="Cisco DX650"></loadinformation647></pre> |
| 113 | <pre><loadinformation348 model="Cisco 7931">SCCP31.9-4-2SR1-1S</loadinformation348></pre> /loadInformation348> |
| 114 | <pre><loadinformation627 model="Cisco TelePresence MX300"></loadinformation627></pre> |
| 115 | <pre><loadinformation635 model="CTI Remote Device"></loadinformation635></pre> |
| 116 | <pre><loadinformation36235 model="Cisco Spark Remote Device"></loadinformation36235></pre> |
| 117 | <pre><loadinformation607 model="Cisco TelePresence Codec C60"><!--/oadInformation607--></loadinformation607></pre> |
| 118 | <pre>cloadInformation537 model="Cisco 9951">sin9951 9-4-2982-2</pre> /loadInformation537> |
| 119 | <loadinformation621 model="Cisco 7821">sip78xx.14-0-1-0001-135</loadinformation621> |
| 120 | <loadinformation431 model="Cisco /93/">apps3/sccp.1-4-5-/</loadinformation431> |
| 121 | <loadinformation376 model="Nokia \$60"></loadinformation376> |
| 122 | <pre><loadinformation375 model="Cisco TelePresence"></loadinformation375></pre> |
| 123 | <pre><loadinformation609 model="Cisco TelePresence Quick Set C20"></loadinformation609></pre> |
| 124 | <pre><loadinformation685 model="Cisco 8861">sip88xx.11-5-1-18</loadinformation685></pre> |
| 125 | <pre><loadinformation688 model="Cisco TelePresence SX80"></loadinformation688></pre> |
| 126 | <pre><loadinformation11 model="Cisco VGC Virtual Phone"></loadinformation11></pre> |
| 127 | <pre><loadinformation591 model="Cisco TelePresence 1300-47"></loadinformation591></pre> |
| 128 | <pre><loadinformation620 model="Cisco TelePresence TX9200"></loadinformation620></pre> |
| 129 | <pre><loadinformation10 model="Cisco VGC Phone"></loadinformation10></pre> |
| 130 | <pre><loadinformation484 model="Cisco 7925">CP7925G-1.4.8.4</loadinformation484></pre> |
| 131 | <pre><loadinformation617 model="Cisco TelePresence MX200"></loadinformation617></pre> |
| 132 | <pre><loadinformation562 model="Cisco Dual Mode for iPhone"></loadinformation562></pre> |
| 133 | <pre><loadinformation36239 model="Cisco TelePresence DX80"></loadinformation36239></pre> |
| 134 | <pre><loadinformation8 model="Cisco 7940">P0030801SR02</loadinformation8></pre> |
| 135 | <pre><loadinformation479 model="Cisco TelePresence 3000"></loadinformation479></pre> |

tftp 路径改成升级包路径

| Current Directory Server interfaces | D:\桌面\cmterm-79 | 45 Tftpd32: Settings |
|----------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Titp Server DF | ICP server Syslog ser file | GLUBAL IFIP DHCP SYSLUG Iver Base Directory D:\\$\pmc{m}\$ (mem-7945_7965-sip.8-5-4 Browse IFTP Security IFTP configuration Timeout (seconds) 3 Image: Standard Max Retransmit 6 Iftp port 63 10cal ports pool Advanced IFTP Options Image: Standard 6 Image: PXE Compatibility Image: Standard standard 192.168.10.1 Image: PXE Compatibility Image: Standard standard Image: Standard standard Image: PXE Compatibility Image: Standard standard Image: Standard standard Image: PXE Compatibility Image: Standard standard Image: Standard standard Image: Standard standard Image: PXE Compatibility Image: Standard standard standard Image: Standard standard standard Image: Standard standard standard Image: PXE Compatibility Image: Standard standard standard standard standard standard Image: Standard standard standard standard standard s |

第三步: 电脑 思科话机 7821 接到网络交换机

1. 话机恢复出厂设置 (如果话机之前连接过思科系统需要执行这一步)

1.1.点击设置键



1.2.进入第4个选项



1.3.进入第5个选项



1.4.进入第一个选项



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1.5.点击 reset



1.6.等待话机重启



2.等待大概一分钟 tftp 会自动下发升级包日志



3下发完成后,等待一分钟左右话机会进入重启倒计时,重启后验证版本





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第四步:验证版本

话机最终会显示以下版本

| Phone In | nation | | | |
|------------------------------|---------------------------|-------|--|--|
| ▶ Unified | eo Advantage: Disabled | - | | |
| Active Lo | ad: sip78xx.14-0-1-0001-1 | 11111 | | |
| Last Upgrade: Upgrade Failed | | | | |
| Exit | Report | | | |