

两种方式从CUCM得到电话的配置文件

目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[概略的列表](#)

[从Web浏览器](#)

[从数据包捕获](#)

[相关信息](#)

简介

本文描述两种方式得到电话的配置文件。要求复核的电话的配置文件是不常见的;然而,许多人不熟悉如何获得电话的配置文件。

先决条件

要求

Cisco 建议您了解以下主题:

- Cisco Unified Communications Manager (CUCM)
- 简单文件传输协议 (TFTP)

使用的组件

本文档中的信息基于以下软件和硬件版本:

- CUCM 8.x和更高
- Cisco IP电话型号7975使用电话负载SCCP75.9-4-2-1S
- Wireshark版本2.0.5

注意: Wireshark可以下载[此处](#)。

概略的列表

- 从Web浏览器
- 从数据包捕获(pcap)

注意: 下载配置文件使用PC或使用TFTP客户端的Prompt命令,是可能的。那些选项在本文不会讨论。

从Web浏览器

使用Web浏览器，此部分描述步骤得到电话的配置文件。

步骤1.打开Web browser (即Firefox、Internet Explorer，谷歌镀铬物，等等)。

步骤2.修改此统一资源定位器(URL)反映您的信息。

ipofcallmanager:6970/SEPwhatever.cnf.xml.sgn

用运行TFTP服务您的CUCM的IP地址替换**ipofcallmanager**

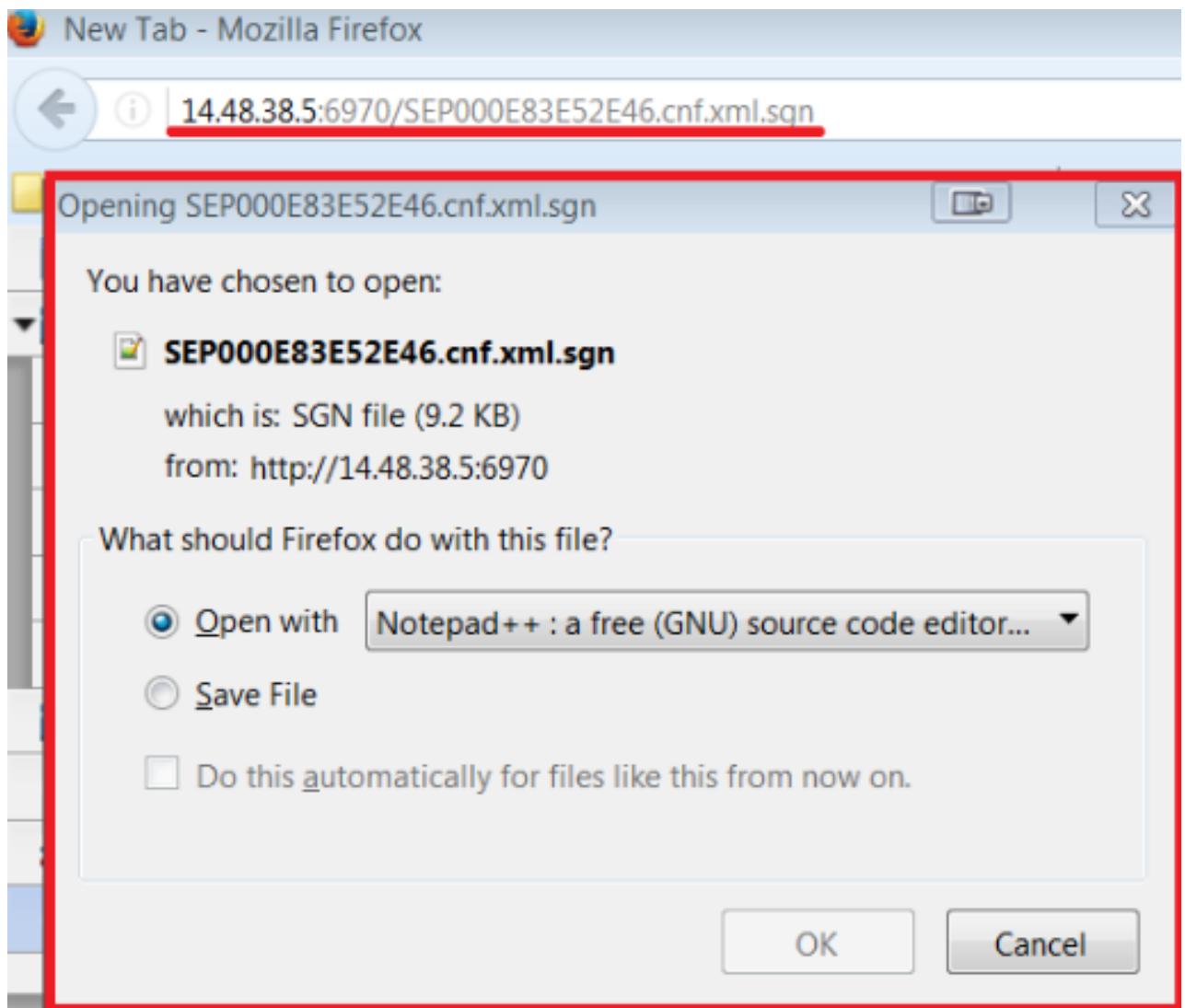
用电话的MAC地址替换**SEPwhatever**

步骤3.输入URL到在Web浏览器的地址栏。

第四步：如果提示接受下载，选择什么browser应该然后执行点击OK键。

示例：

此镜像显示使用Firefox时，我收到，当下载电话的配置文件的提示符。



从数据包捕获

使用pcap，此部分描述步骤得到电话的配置文件。

注意： pcap必须包括电话注册的时期。

步骤1.打开Wireshark的数据包捕获。

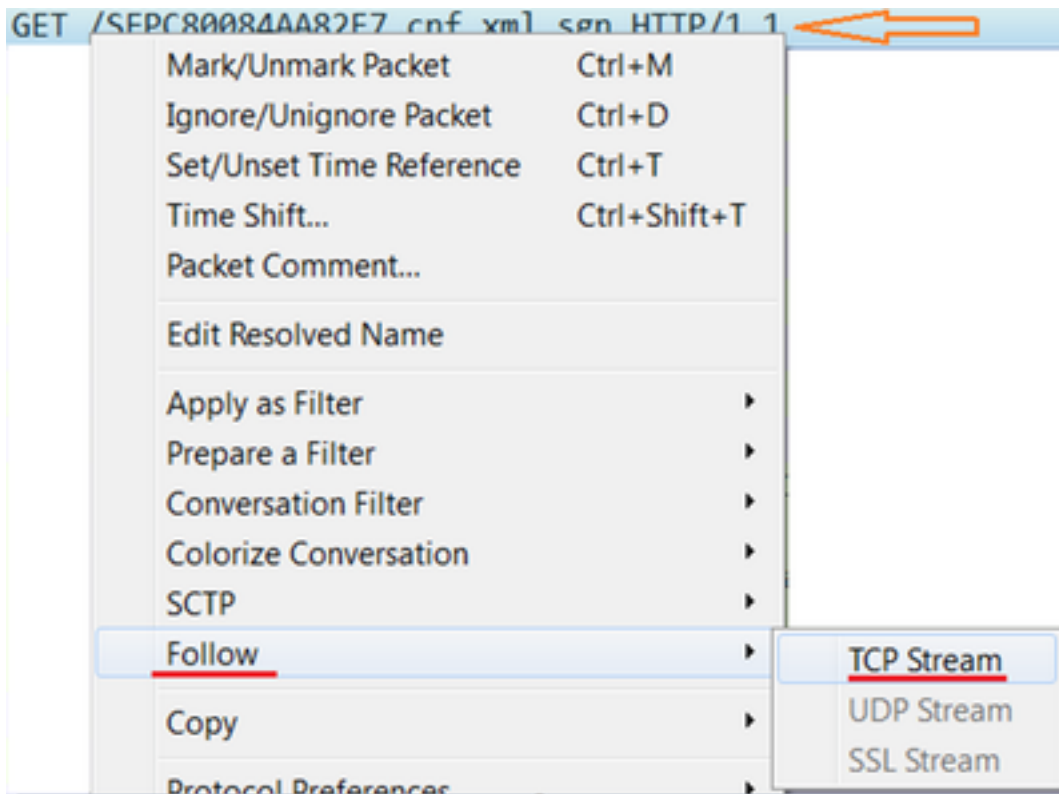
步骤2.在HTTP的过滤器。

步骤3.寻找从电话的GET消息利益对CTL、ITL和配置文件的CUCM。

```
Info
GET /CTLSEPC80084AA82F7.tlv HTTP/1.1
HTTP/1.1 200 OK
GET /ITLSEPC80084AA82F7.tlv HTTP/1.1
HTTP/1.1 200 OK
GET /SEPC80084AA82F7.cnf.xml.sgn HTTP/1.1
HTTP/1.1 200 OK
```

步骤4a。用鼠标右键单击在有12个X's是电话的MAC地址的线路。

步骤4b。导航然后跟随点击TCP数据流。



步骤5. Wireshark打开一pop开始与从电话的GET字符串到CUCM的窗口，然后我们看到从CUCM的200 OK到电话和我们能查看配置文件。

步骤6.在pop的右键单击窗口然后单击选择所有。

步骤7.在pop的右键单击窗口然后再单击“Copy”。

这时文本可以被添加到文本文件已保存。

示例：

```
GET /SEP24B65744EBFE.cnf.xml.sgn HTTP/1.1
Host:14.48.38.5:6970

HTTP/1.1 200 OK
Content-length: 9144
Cache-Control: no-store
Content-type: */*

.....o..>CN=clstr-1-pub.pkinane.lab-ms;OU=TAC;O=Cisco;L=RTP;ST=NC;C=US...
...A.....CN=pkinane-WIN-FTD162BNE36-CA.....
.....$.lu yIC..O.k...A4R.X..m.#..U/..M..(Z...W..
.b.....u...B.Q..xx.M....1....3.NI8...+fq.....$.}.....p4X.Yb...Q.Y...O..{.}Q....0..P(...+.k.SU
*.1.....JY....^p....._Zq...
n.M.,;9*...A.D.e.<;.....T.cCy.Hb..M&.....L.....(
...o.`.....3Hz.=k.`.i.....SEP24B65744EBFE.cnf.xml.sgn....WaW`
<?xml version="1.0" encoding="UTF-8"?>
<device xsi:type="axl:XIPPhone" ctiid="28" uuid="{71e36c76-94be-2fec-3718-1f2df5937781}">
<fullConfig>true</fullConfig>
<portalDefaultServer>impA.pkinane.lab</portalDefaultServer>
<deviceProtocol>SCCP</deviceProtocol>
<sshUserId>debug</sshUserId>
<sshPassword>debug</sshPassword>
<ipAddressMode>0</ipAddressMode>
<allowAutoConfig>true</allowAutoConfig>
<dadEnable>true</dadEnable>
<redirectEnable>false</redirectEnable>
<echoMultiEnable>false</echoMultiEnable>
<ipPreferenceModeControl>0</ipPreferenceModeControl>
<ipMediaAddressFamilyPreference>0</ipMediaAddressFamilyPreference>
<tzdata>
<tzolsonversion>2015a</tzolsonversion>
<tzupdater>tzupdater.jar</tzupdater>
</tzdata>
<mlppDomainId>000000</mlppDomainId>
<mlppIndicationStatus>Off</mlppIndicationStatus>
<preemption>Disabled</preemption>
<executiveOverridePreemptable>false</executiveOverridePreemptable>
<devicePool uuid="{04330028-1071-fdbf-3add-8ac67db81b81}">
<revertPriority>0</revertPriority>
<name>SJ_DP</name>
<dateTimeSetting uuid="{9ec4850a-7748-11d3-bdf0-00108302ead1}">
<name>CMLocal</name>
<dateTemplate>M/D/Y</dateTemplate>
<timeZone>Greenwich Standard Time</timeZone>
<olsonTimeZone>Etc/GMT</olsonTimeZone>
</dateTimeSetting>
<callManagerGroup>
<name>SJ_CMG</name>
<tftpDefault>true</tftpDefault>
<members>
<member priority="0">
<callManager>
<name>clstr-1-subA.pkinane.lab</name>
<description>14.48.38.6</description>
<ports>
<ethernetPhonePort>2000</ethernetPhonePort>
```

```
<sipPort>5060</sipPort>
<securedSipPort>5061</securedSipPort>
<mgcpPorts>
<listen>2427</listen>
<keepAlive>2428</keepAlive>
</mgcpPorts>
</ports>
<processNodeName>clstr-1-subA.pkinane.lab</processNodeName>
</callManager>
</member>
<member priority="1">
<callManager>
<name>clstr-1-subB.pkinane.lab</name>
<description>14.48.38.7</description>
<ports>
<ethernetPhonePort>2000</ethernetPhonePort>
<sipPort>5060</sipPort>
<securedSipPort>5061</securedSipPort>
<mgcpPorts>
<listen>2427</listen>
<keepAlive>2428</keepAlive>
</mgcpPorts>
</ports>
<processNodeName>clstr-1-subB.pkinane.lab</processNodeName>
</callManager>
</member>
</members>
</callManagerGroup>
<srstInfo uuid="{cd241e11-4a58-4d3d-9661-f06c912a18a3}">
<name>Disable</name>
<srstOption>Disable</srstOption>
<userModifiable>false</userModifiable>
<ipAddr1></ipAddr1>
<port1>2000</port1>
<ipAddr2></ipAddr2>
<port2>2000</port2>
<ipAddr3></ipAddr3>
<port3>2000</port3>
<sipIpAddr1></sipIpAddr1>
<sipPort1>5060</sipPort1>
<sipIpAddr2></sipIpAddr2>
<sipPort2>5060</sipPort2>
<sipIpAddr3></sipIpAddr3>
<sipPort3>5060</sipPort3>
<isSecure>false</isSecure>
</srstInfo>
<connectionMonitorDuration>120</connectionMonitorDuration>
</devicePool>
<TVS>
<members>
<member priority="0">
<port>2445</port>
<address>clstr-1-subA.pkinane.lab</address>
</member>
<member priority="1">
<port>2445</port>
<address>clstr-1-subB.pkinane.lab</address>
</member>
</members>
</TVS>
<MissedCallLoggingOption>10</MissedCallLoggingOption>
<commonProfile>
<phonePassword></phonePassword>
<backgroundImageAccess>true</backgroundImageAccess>
```

```
<callLogBlfEnabled>2</callLogBlfEnabled>
</commonProfile>
<loadInformation>SCCP75.9-4-2-1S</loadInformation>
<vendorConfig>
<disableSpeaker>>false</disableSpeaker><disableSpeakerAndHeadset>>false</disableSpeakerAndHeadset>
<forwardingDelay>1</forwardingDelay><pcPort>0</pcPort><garp>1</garp><voiceVlanAccess>0</voiceVlanAccess>
<autoSelectLineEnable>0</autoSelectLineEnable><webAccess>0</webAccess><spanToPCPort>0</spanToPCPort>
<loggingDisplay>1</loggingDisplay><recordingTone>0</recordingTone><recordingToneLocalVolume>100</recordingToneLocalVolume>
<recordingToneRemoteVolume>50</recordingToneRemoteVolume><recordingToneDuration></recordingToneDuration>
<moreKeyReversionTimer>5</moreKeyReversionTimer><autoCallSelect>1</autoCallSelect>
<g722CodecSupport>0</g722CodecSupport><headsetWidebandUIControl>0</headsetWidebandUIControl>
<headsetWidebandEnable>0</headsetWidebandEnable><lldpAssetId></lldpAssetId><powerPriority>0</powerPriority>
<ehookEnable>0</ehookEnable><ipv6LogServer></ipv6LogServer><minimumRingVolume>0</minimumRingVolume>
<sideToneLevel>0</sideToneLevel><sendGain>0</sendGain><handsetHeadsetMonitor>1</handsetHeadsetMonitor>
<headsetRecording>0</headsetRecording><useEnblocDialing>1</useEnblocDialing><sshAccess>0</sshAccess></vendorConfig>
<commonConfig>
<sshAccess>1</sshAccess><RingLocale>0</RingLocale><softkeyControl>1</softkeyControl><ice></ice><instantMessaging></instantMessaging>
<desktopClient></desktopClient></commonConfig>
<enterpriseConfig>
</enterpriseConfig>
<versionStamp>1465997151-6130dfd6-dd80-4f10-880b-bacd7ef0f255</versionStamp>
<userLocale>
<name>English_United_States</name>
<uid>1</uid>
<langCode>en_US</langCode>
<version>10.0.0.0(1)</version>
<winCharSet>iso-8859-1</winCharSet>
</userLocale>
<networkLocale>United_States</networkLocale>
<networkLocaleInfo>
<name>United_States</name>
<uid>64</uid>
<version>10.0.0.0(1)</version>
</networkLocaleInfo>
<deviceSecurityMode>1</deviceSecurityMode>
<idleTimeout>0</idleTimeout>
<authenticationURL>http://14.48.38.18:8081/InformaCast/phone/auth</authenticationURL>
<directoryURL>http://clstr-1-pub.pkinane.lab:8080/ccmcip/xmldirectory.jsp</directoryURL>
<idleURL></idleURL>
<informationURL>http://clstr-1-pub.pkinane.lab:8080/ccmcip/GetTelecasterHelpText.jsp</informationURL>
<messagesURL></messagesURL>
<proxyServerURL></proxyServerURL>
<servicesURL>http://clstr-1-pub.pkinane.lab:8080/ccmcip/getservicesmenu.jsp</servicesURL>
<secureAuthenticationURL>http://14.48.38.18:8081/InformaCast/phone/auth</secureAuthenticationURL>
>
<secureDirectoryURL>https://clstr-1-pub.pkinane.lab:8443/ccmcip/xmldirectory.jsp</secureDirectoryURL>
<secureIdleURL></secureIdleURL>
<secureInformationURL>https://clstr-1-pub.pkinane.lab:8443/ccmcip/GetTelecasterHelpText.jsp</secureInformationURL>
<secureMessagesURL></secureMessagesURL>
<secureServicesURL>https://clstr-1-pub.pkinane.lab:8443/ccmcip/getservicesmenu.jsp</secureServicesURL>
<dscpForSCCPPhoneConfig>96</dscpForSCCPPhoneConfig>
<dscpForSCCPPhoneServices>0</dscpForSCCPPhoneServices>
<dscpForCm2Dvce>96</dscpForCm2Dvce>
<transportLayerProtocol>1</transportLayerProtocol>
<dndCallAlert>5</dndCallAlert>
<phonePersonalization>0</phonePersonalization>
<rollover>0</rollover>
<singleButtonBarge>0</singleButtonBarge>
<joinAcrossLines>0</joinAcrossLines>
```

```
<autoCallPickupEnable>false</autoCallPickupEnable>
<blfAudibleAlertSettingOfIdleStation>0</blfAudibleAlertSettingOfIdleStation>
<blfAudibleAlertSettingOfBusyStation>0</blfAudibleAlertSettingOfBusyStation>
<capfAuthMode>0</capfAuthMode>
<capfList>
<capf>
<phonePort>3804</phonePort>
<processNodeName>clstr-1-pub.pkinane.lab</processNodeName>
</capf>
</capfList>
<certHash></certHash>
<encrConfig>false</encrConfig>
<advertiseG722Codec>1</advertiseG722Codec>
<mobility>
<handoffdn></handoffdn>
<dtmfdn></dtmfdn>
<ivrdsn></ivrdsn>
<dtmfHoldCode>*81</dtmfHoldCode>
<dtmfExclusiveHoldCode>*82</dtmfExclusiveHoldCode>
<dtmfResumeCode>*83</dtmfResumeCode>
<dtmfTxfCode>*84</dtmfTxfCode>
<dtmfCnfCode>*85</dtmfCnfCode>
</mobility>
<TLSResumptionTimer>3600</TLSResumptionTimer>
<userId serviceProfileFile="SPDefault.cnf.xml">pkine</userId>
<ownerId serviceProfileFile="SPDefault.cnf.xml">pkine</ownerId>
<phoneServices useHTTPS="true">
<provisioning>0</provisioning>
<phoneService type="1" category="0">
<name>Missed Calls</name>
<url>Application:Cisco/MissedCalls</url>
<vendor></vendor>
<version></version>
</phoneService>
<phoneService type="2" category="0">
<name>Voicemail</name>
<url>Application:Cisco/Voicemail</url>
<vendor></vendor>
<version></version>
</phoneService>
<phoneService type="1" category="0">
<name>Received Calls</name>
<url>Application:Cisco/ReceivedCalls</url>
<vendor></vendor>
<version></version>
</phoneService>
<phoneService type="1" category="0">
<name>Placed Calls</name>
<url>Application:Cisco/PlacedCalls</url>
<vendor></vendor>
<version></version>
</phoneService>
<phoneService type="1" category="0">
<name>Personal Directory</name>
<url>Application:Cisco/PersonalDirectory</url>
<vendor></vendor>
<version></version>
</phoneService>
<phoneService type="1" category="0">
<name>Corporate Directory</name>
<url>Application:Cisco/CorporateDirectory</url>
<vendor></vendor>
<version></version>
</phoneService>
```

```
<phoneService type="0" category="0">
<name>EM</name>
<url>http://14.48.38.6:8080/emapp/EMAppServlet?device=#DEVICENAME#</url>
<vendor></vendor>
<version></version>
</phoneService>
</phoneServices>
</device>
```

注意：如果不熟悉如何采集从电话或CUCM的-pcap，进程被覆盖在[收集数据包捕获从Cisco IP电话](#)(从电话的PCAP)和在[CUCM设备型号的](#)(从CUCM的pcap[数据包捕获](#))

提示：如果pcap没有直接地从电话，被采集将有很多流量。使用电话的MAC地址或电话的IP地址此问题通过过滤pcap绕过

示例：

一个电话的eth.addr==12:34:45:78:91:00有MAC的SEP123456789100

一个电话的ip.addr==14.48.38.33用IP地址14.48.38.33

相关信息

- [收集数据包捕获从Cisco IP电话](#)
- [CUCM设备型号的数据包捕获](#)
- [Wireshark](#)