

在SPA100系列的語音調配設定中配置韌體升級

目標

SPA100系列模擬電話介面卡中的韌體升級用於提高裝置的效能並保持裝置處於最新狀態。

本文檔的目的是解釋如何在SPA100系列模擬電話介面卡中配置韌體升級。

適用裝置

- SPA112
- SPA122

軟體版本

- 1.3.2-XU(014)

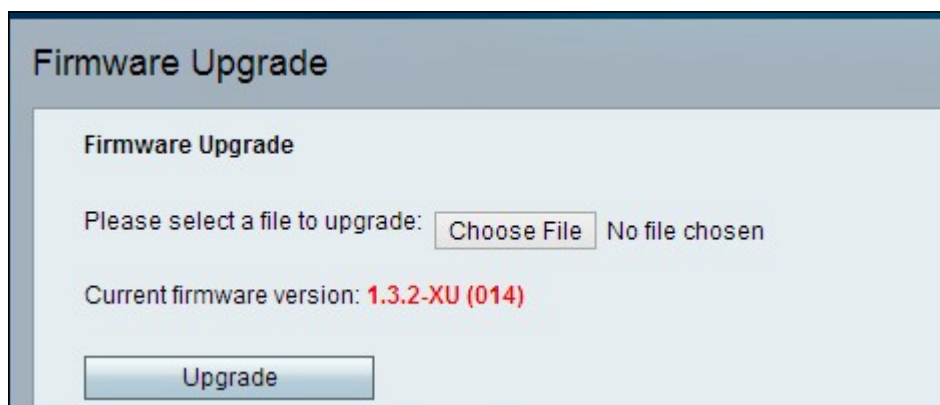
軟體下載URL

[SPA100系列](#)

韌體升級

步驟1.訪問思科網頁並下載最新的韌體版本。此檔案以.Zip檔案格式提供。

步驟2.登入到*Phone Adapter Configuration Utility*頁面，然後選擇**Administration > Firmware Upgrade**。*Firmware Upgrade*頁面開啟：

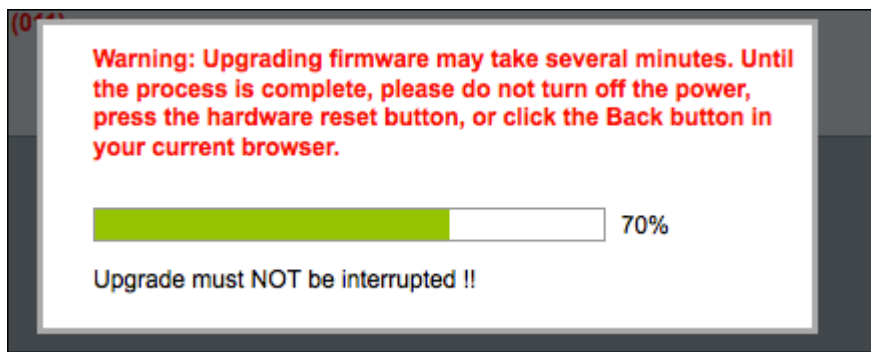


步驟3.按一下**Choose File** 以從電腦中選擇.Zip更新檔案。

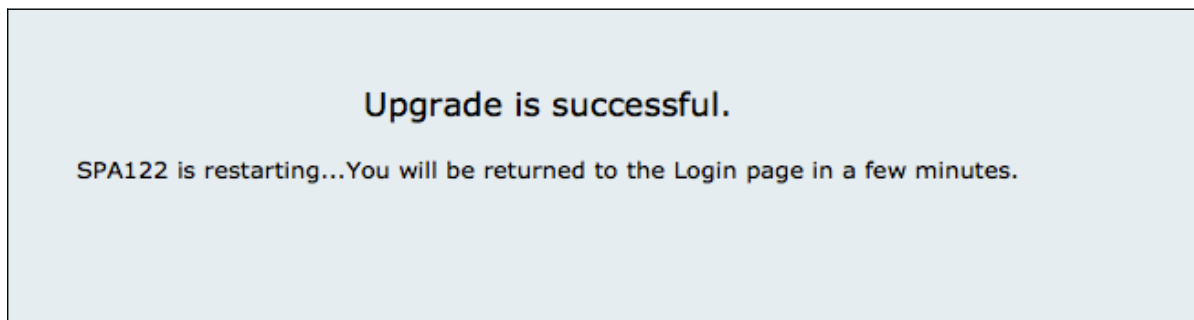
步驟4.在.Zip檔案中按一下.bin

步驟5.按一下**Upgrade**。

韌體升級期間出現警告消息：



步驟6.韌體更新成功，並且出現一條消息，通知SPA122將重新啟動。



步驟7.將使用者傳送回Login頁面，該頁面需要username和password欄位。

步驟8.成功更新韌體後，登入到Phone Adapter Configuration Utility頁面，然後選擇Voice > Provisioning。Provisioning 頁面隨即開啟：

A screenshot of the "Provisioning" configuration page in a web interface. The page has a light blue header with the title "Provisioning". Below the header, there are several sections of configuration options. The "Configuration Profile" section includes: "Provision Enable:" (dropdown menu set to "yes"), "Resync Random Delay:" (text input "2"), "Resync At Random Delay:" (text input "600"), "Resync Error Retry Delay:" (text input "3600"), "Resync From SIP:" (dropdown menu set to "yes"), "Resync Trigger 1:" (text input), "Resync Trigger 2:" (text input), "Resync Fails On FNF:" (dropdown menu set to "yes"), "Profile Rule:" (text input "/spa\$PSN.cfg"), "Profile Rule B:" (text input), "Profile Rule C:" (text input), "Profile Rule D:" (text input), "Profile Name:" (text input), and "Profile Region:" (text input). The "Log Resync Request Msg:" section contains the text "SPN \$MAC -- Requesting resync \$SCHEME://\$SERVIP:\$PORT\$PATH". To the right of the "Configuration Profile" section, there are more options: "Resync On Reset:" (dropdown menu set to "yes"), "Resync At (HHmm):" (text input), "Resync Periodic:" (text input "3600"), "Forced Resync Delay:" (text input "14400"), and "Resync After Upgrade Attempt:" (dropdown menu set to "yes"). At the bottom of the page, there are three buttons: "Submit", "Cancel", and "Refresh".

步驟9.向下滾動到Firmware Upgrade區域。

步驟10.從Upgrade Enable下拉選單中選擇「是」以啟用韌體升級操作。

Firmware Upgrade	
Upgrade Enable:	<input type="text" value="yes"/>
Upgrade Error Retry Delay:	<input type="text" value="3600"/> Downgrade Rev Limit: <input type="text"/>
Upgrade Rule:	<input type="text"/>
Log Upgrade Request Msg:	<input type="text" value="\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH"/>
Log Upgrade Success Msg:	<input type="text" value="\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR"/>
Log Upgrade Failure Msg:	<input type="text" value="\$PN \$MAC -- Upgrade failed: \$ERR"/>
License Keys:	<input type="text"/>

步驟11.在升級錯誤重試延遲欄位中輸入值，以在嘗試升級失敗的情況下設定重試間隔。預設值為3600秒。

Firmware Upgrade	
Upgrade Enable:	<input type="text" value="yes"/>
Upgrade Error Retry Delay:	<input type="text" value="3600"/> Downgrade Rev Limit: <input type="text"/>
Upgrade Rule:	<input type="text"/>
Log Upgrade Request Msg:	<input type="text" value="\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH"/>
Log Upgrade Success Msg:	<input type="text" value="\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR"/>
Log Upgrade Failure Msg:	<input type="text" value="\$PN \$MAC -- Upgrade failed: \$ERR"/>
License Keys:	<input type="text"/>

步驟12.在「降級修訂版限制」欄位中輸入值。這會對韌體升級或降級期間的可接受版本號實施較低限制。預設設定為空。

Firmware Upgrade	
Upgrade Enable:	<input type="text" value="yes"/>
Upgrade Error Retry Delay:	<input type="text" value="3600"/> Downgrade Rev Limit: <input type="text" value="60"/>
Upgrade Rule:	<input type="text" value="https://www.SPA.com/admin"/>
Log Upgrade Request Msg:	<input type="text" value="\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH"/>
Log Upgrade Success Msg:	<input type="text" value="\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR"/>
Log Upgrade Failure Msg:	<input type="text" value="\$PN \$MAC -- Upgrade failed: \$ERR"/>
License Keys:	<input type="text"/>

注意：為了完成韌體升級操作，韌體版本應大於或等於此欄位。

步驟13.在Upgrade Rule欄位中輸入值。此引數定義升級條件和關聯的韌體URL。預設設定為空。

Firmware Upgrade	
Upgrade Enable:	<input type="text" value="yes"/>
Upgrade Error Retry Delay:	<input type="text" value="3600"/> Downgrade Rev Limit: <input type="text" value="60"/>
Upgrade Rule:	<input type="text" value="https://www.SPA.com/admin"/>
Log Upgrade Request Msg:	<input type="text" value="\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH"/>
Log Upgrade Success Msg:	<input type="text" value="\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR"/>
Log Upgrade Failure Msg:	<input type="text" value="\$PN \$MAC -- Upgrade failed: \$ERR"/>
License Keys:	<input type="text"/>

步驟14.為Log Upgrade Request Msg欄位輸入值。這是韌體升級嘗試開始時發出的系統日誌消息。

Firmware Upgrade	
Upgrade Enable:	yes ▾
Upgrade Error Retry Delay:	3600
Downgrade Rev Limit:	60
Upgrade Rule:	https://www.SPA.com/admin
Log Upgrade Request Msg:	\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH
Log Upgrade Success Msg:	\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR
Log Upgrade Failure Msg:	\$PN \$MAC -- Upgrade failed: \$ERR
License Keys:	

步驟15.為Log Upgrade Success Msg欄位輸入值。這是韌體升級嘗試成功完成後發出的系統日誌消息。

Firmware Upgrade	
Upgrade Enable:	yes ▾
Upgrade Error Retry Delay:	3600
Downgrade Rev Limit:	60
Upgrade Rule:	https://www.SPA.com/admin
Log Upgrade Request Msg:	\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH
Log Upgrade Success Msg:	\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR
Log Upgrade Failure Msg:	\$PN \$MAC -- Upgrade failed: \$ERR
License Keys:	

步驟16.輸入Log Upgrade Failure Msg欄位的值。這是韌體升級嘗試失敗後發出的系統日誌消息。

Firmware Upgrade	
Upgrade Enable:	yes ▾
Upgrade Error Retry Delay:	3600
Downgrade Rev Limit:	60
Upgrade Rule:	https://www.SPA.com/admin
Log Upgrade Request Msg:	\$PN \$MAC -- Requesting upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH
Log Upgrade Success Msg:	\$PN \$MAC -- Successful upgrade \$\$SCHEME://\$SERVIP:\$PORT\$PATH -- \$ERR
Log Upgrade Failure Msg:	\$PN \$MAC -- Upgrade failed: \$ERR
License Keys:	

步驟17. SPA100系列ATA當前未使用License Keys欄位。

步驟18.按一下Submit以儲存設定。