配置無線接入點上的時間設定

目標

系統時鐘為消息日誌等軟體事件提供網路同步時間戳服務。如果沒有同步時間,裝置之間日誌 檔案的準確關聯就很難維護。在無線接入點(WAP)上配置時間設定非常重要,因為它有助於解 決網路問題,例如顯示每個日誌條目的系統日誌服務具有時間戳。

可以手動或自動配置系統時間。當網路未連線到網路時間協定(NTP)伺服器時,手動配置非常 有用。NTP用於將客戶端或伺服器時間與另一個伺服器時間或參考時間源同步。

本文提供如何通過兩種方式在WAP上配置時間設定的說明:手動和自動。

適用裝置

- •WAP100系列
- •WAP300系列
- •WAP500系列

軟體版本

- 1.0.0.17 WAP571、WAP571E
- 1.0.1.2 WAP150、WAP361
- 1.0.2.2 WAP351、WAP131
- 1.0.6.2 WAP121、WAP321
- 1.2.1.3 WAP371、WAP551、WAP561

配置WAP的時間設定

使用WAP上的Time Settings頁面手動設定系統時間,或者配置系統從預配置的NTP伺服器獲 取時間設定。預設情況下,WAP配置為從預定義的NTP伺服器清單獲取其時間。

步驟1.登入到基於Web的實用程式,然後選擇Administration > Time Settings。



步驟2.從System Clock Source中按一下相應時間源所需的單選按鈕。選項如下所示:

附註:系統時間顯示當前系統時間。

Time Settings	
System Time:	Wed.,Aug 10,2016 23:34:46 PDT
System Clock Source:	 Network Time Protocol (NTP) Manually

- 網路時間協定(NTP)-WAP自動從NTP伺服器獲取時間設定。如果選擇NTP作為系統時鐘源,請
 轉至<u>自動時間設定</u>子部分。
- 手動 您可以在WAP上手動配置時間設定。如果選擇手動作為系統時鐘源,請轉至<u>手動時間</u> <u>設定</u>子部分。

配置自動時間設定

步驟1.從System Clock Source中按一下Network Time Protocol(NTP)單選按鈕以自動將時鐘 與NTP伺服器同步。

Time Settings	
System Time:	Wed.,Aug 10,2016 23:34:46 PDT
System Clock Source:	Network Time Protocol (NTP) Manually

步驟2.在「NTP伺服器IPv4/IPv6地址/名稱」*欄位中輸入NTP伺服器主機名或IP*地址。不建議 對此欄位使用IP地址,因為它經常更改。裝置從NTP伺服器接收時間資訊。

附註:主機名可由一個或多個標籤組成,這些標籤由最多63個字母數字字元組成。如果主機 名包含多個標籤,則每個標籤都用句點分隔。整個標籤和句號系列最長可為253個字元。

NTP伺服器欄位的數量可能因您的WAP而異。每種型號的可用伺服器數量如下:

•WAP351、WAP131、WAP361和WAP150 — 4個NTP伺服器

Time Settings						
System Time: Wed.,	Aug 10,2016 23:34:46 PDT					
System Clock Source: N N N	etwork Time Protocol (NTP) Ianually					
	(Max 253 Characters)					
NTP Server 1 IPv4/IPv6 Address/Name:	0.ciscosb.pool.ntp.org					
	(Max 253 Characters)					
NTP Server 2 IPv4/IPv6 Address/Name:	1.ciscosb.pool.ntp.org					
	(Max 253 Characters)					
NTP Server 3 IPv4/IPv6 Address/Name:	2.ciscosb.pool.ntp.org					
NTD Occurs (ID: (ID: C Address Marrow	(Max 253 Characters)					
N IP Server 4 IPv4/IPv6 Address/Name:	3.ciscosb.pool.ntp.org					
Time Zone:	USA (Pacific)					
Adjust Time for Daylight Savings:						
Daylight Savings Start:	second V Sunday V in March V at 02 V					
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼					
Daylight Savings Offset:	60 V Minutes					
Save						

•WAP571、WAP571EWAP121、WAP551、WAP561、WAP371和WAP321—1NTP伺服器

-

Time Settings	
System Time: We	d Aug 10 2016 23:45:51 PDT
System Clock Source:	Network Time Protocol (NTP) Manually
NTP Server IPv4/IPv6 Address/Name:	0.ciscosb.pool.ntp.org
Time Zone:	USA (Pacific)
Adjust Time for Daylight Savings:	
Daylight Savings Start:	Second ▼ Sunday ▼ in March ▼ at 02 ▼
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼
Daylight Savings Offset:	60 V Minutes
Save	

步驟3.從Time Zone下拉選單中選擇運行WAP的國際時區。

附註:在本例中,選擇了USA(太平洋)。

Time Zone:	USA (Pacific)	۲	
Adjust Time for Daylight Savings:	Trinidad and Tobago Tunisia Turkey	•	
Daylight Savings Start:	Turkmenistan Turks & Caicos Islands		
Daylight Savings End:	Tuvalu Uganda		
Daylight Savings Offset:	Ukraine (Simferopol) United Arab Emirates		
Save	United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Mountain)		
	USA (Pacific)	•	

步驟4.(可選)要調整夏令時(DST)的系統時間,請選中**調整夏令時時間**覈取方塊。選中此項後,將出現其它欄位,允許您選擇開始和結束DST的日期和時間。

附註:只有一些國家遵循日間節電原則。如果從時區清單中選擇不使用夏令時的國家,則不會 顯示此選項。

Adjust Time for Daylight Savings:	
Daylight Savings Start:	second ▼ Sunday ▼ in March ▼ at 02 ▼
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼
Daylight Savings Offset:	60 ▼ Minutes
Save	

附註:如果沒有選中Adjust Time for Daylight Savings覈取方塊,請跳至<u>Step 8</u>。

步驟5.在「夏令時開始」區域中,從相應的下拉選單中選擇夏令時開始的日期、時間和月份。

Daylight Savings Start:	second 🔻	Sunday 🔹	in	March 🔻	at	02 ▼ : 00 ▼
Daylight Savings End:	First v	Sunday 🔻	in	November •	at	02 ▼ : 00 ▼
Daylight Savings Offset:	60 v Mi	nutes				

步驟6.在夏令時結束區域中,從相應的下拉選單中選擇夏令時結束的日期、時間和月份。

Daylight Savings Start:	second *	Sunday 🔻	in	March 🔻	at	02 ▼ : 00 ▼
Daylight Savings End:	First 🔻	Sunday 🔹	in	November 🔻	at	02 🔻 : 00 🔻
Daylight Savings Offset:	60 T M	inutes				

步驟7.從Daylight Savings Offset下拉選單中,選擇進行夏令時新增的分鐘數。

Daylight Savings Start:	second v	Sunday	r in	March •	at	02 • : 00 •
Daylight Savings End:	First 🔻	Sunday	r in	November •	at	02 ▼ : 00 ▼
Daylight Savings Offset:	60 🔻 Mi	nutes				

步驟8.按一下Save以儲存組態。

Time Settings	
System Time: W	'ed Aug 10 2016 23:45:51 PDT
System Clock Source:	Network Time Protocol (NTP) Manually
NTP Server IPv4/IPv6 Address/Name	e: 0.ciscosb.pool.ntp.org (x) /Ho
Time Zone:	USA (Pacific)
Adjust Time for Daylight Savings:	
Daylight Savings Start:	Second V Sunday V in March V at 02 V
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼
Daylight Savings Offset:	60 ▼ Minutes
Save	

現在,您應該已經在WAP上自動配置時間設定。

配置手動時間設定

步驟1.點選System Clock Source中的Manually單選按鈕,手動設定系統時間。

Time Settings	
System Time:	Wed.,Aug 10,2016 23:34:46 PDT
System Clock Source:	Network Time Protocol (NTP) Manually

步驟2.(可選)按一下「克隆PC時間」旁邊的**克隆**,從本地PC克隆系統時間設定。

Clone PC Time:	Cloning
System Date:	August ▼ / 11 ▼ / 2016 ▼ (MM/DD/YYYY)
System Time:	14 ▼ : 37 ▼ (HH:mm)

步驟3.從「系統日期」下拉選單中,選擇年、月和日。

Clone PC Time:	Cloning
System Date:	August V / 11 V / 2016 V (MM/DD/YYYY)
System Time:	14 ▼ : 37 ▼ (HH:mm)

步驟4.從System Time下拉選單中,選擇小時和分鐘。所有時間都相對於本地時區。

Clone PC Time:	Cloning
System Date:	August ▼ / 11 ▼ / 2016 ▼ (MM/DD/YYYY)
System Time:	14 ▼ : 37 ▼ (HH:mm)

步驟5.從「時區」下拉選單中,選擇接入點運行的國際時區。

附註:在本例中,選擇了USA(太平洋)。

Time Zone:USA (Pacific)Adjust Time for Daylight Savings:Trinidad and TobagoDaylight Savings Start:TurkeyDaylight Savings End:Turka & Caicos IslandsDaylight Savings Offset:UkraineUkraineUkraine (Simferopol)United Arab EmiratesUnited KingdomUruguayUS Virgin IslandsUSA (Alaska)USA (Alaska)USA (Arizona)USA (Central)USA (Pacific)Y			_	
Adjust Time for Daylight Savings:Trinidad and Tobago Tunisia TurkeyDaylight Savings Start:Turkmenistan Turks & Caicos IslandsDaylight Savings End:Uganda Ukraine UkraineDaylight Savings Offset:Ukraine (Simferopol) United Arab Emirates United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Central) USA (Mountain)USA (Pacific)V	Time Zone:	USA (Pacific)	•	
Adjust Time for Daylight Savings:Tunisia TurkeyDaylight Savings Start:Turkmenistan Turks & Caicos IslandsDaylight Savings End:Uganda UkraineDaylight Savings Offset:Ukraine (Simferopol) United Arab EmiratesSaveUkraine Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Central) USA (Central) USA (Mountain)		Trinidad and Tobago	*	
Daylight Savings Start:Turkey Turkmenistan Turks & Caicos IslandsDaylight Savings End:Uganda Uganda UkraineDaylight Savings Offset:Ukraine (Simferopol) United Arab EmiratesSaveUnited Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Central) USA (Mountain)	Adjust Time for Daylight Savings:	Tunisia		
Daylight Savings Start:Turkmenistan Turks & Caicos IslandsDaylight Savings End:Uganda UkraineDaylight Savings Offset:Ukraine (Simferopol) United Arab EmiratesSaveUnited Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Central) USA (Eastern) USA (Mountain)		Turkey		
Turks & Caicos IslandsDaylight Savings End:UgandaDaylight Savings Offset:UkraineUkraine (Simferopol)United Arab EmiratesUnited KingdomUruguayUS Virgin IslandsUSA (Alaska)USA (Aleutian Islands)USA (Arizona)USA (Central)USA (Eastern)USA (Mountain)USA (Pacific)	Davlight Savings Start:	Turkmenistan		1
Daylight Savings End:Tuvalu Uganda UkraineDaylight Savings Offset:Ukraine (Simferopol) United Arab EmiratesSaveUnited Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Central) USA (Eastern) USA (Mountain)		Turks & Caicos Islands		
Daylight Savings Effu. Uganda Daylight Savings Offset: Ukraine (Simferopol) United Arab Emirates United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Mountain) USA (Pacific)	Daylight Savings End:	Tuvalu		٦
Daylight Savings Offset: Ukraine Ukraine (Simferopol) United Arab Emirates United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Pacific)	Daylight Savings End.	Uganda		
Daylight Savings Offset: Ukraine (Simferopol) United Arab Emirates United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Mountain) USA (Pacific)		Ukraine		
United Arab Emirates United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Mountain)	Daylight Savings Offset:	Ukraine (Simferopol)		
Save United Kingdom Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)		United Arab Emirates		
Uruguay US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Central) USA (Mountain) USA (Pacific)	Savo	United Kingdom		
US Virgin Islands USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)	Save	Uruguay		
USA (Alaska) USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)		US Virgin Islands		
USA (Aleutian Islands) USA (Arizona) USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)		USA (Alaska)		
USA (Arizona) USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)		USA (Aleutian Islands)		
USA (Central) USA (Eastern) USA (Mountain) USA (Pacific)		USA (Arizona)		
USA (Eastern) USA (Mountain) USA (Pacific)		USA (Central)		
USA (Mountain) USA (Pacific)		USA (Lastern)		
USA (Pacinc)		USA (Mountain)	_	
		USA (Pacific)	<u> </u>	

步驟6.(可選)要調整夏令時(DST)的系統時間,請選中Adjust Time for Daylight Savings覈取 方塊。選中此項後,將出現其它欄位,允許您選擇開始和結束DST的日期和時間。

附註:一些國家遵循節電原則。如果從時區清單中選擇不使用日燈光儲存的國家/地區,則不 會顯示此選項。

Time Settings					
System Time:	Wed.,Aug 10,2016 23:34:46 PDT				
System Clock Source:	 Network Time Protocol (NTP) Manually 				
Clone PC Time:	Cloning				
System Date:	August ▼ / 11 ▼ / 2016 ▼ (MM/DD/YYYY)				
System Time:	14 ▼ : 37 ▼ (HH:mm)				
Time Zone:	USA (Pacific)				
Adjust Time for Daylight Savings					
Daylight Savings Start:	second ▼ Sunday ▼ in March ▼ at 02 ▼ : 00				
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼ : 00				
Daylight Savings Offset:	60 V Minutes				
Save					

附註:如果您沒有選中Adjust Time for Daylight Savings,請跳至<u>Step 10</u>。

步驟7.在「夏令時開始」區域中,從相應的下拉選單中選擇夏令時開始的日期、時間和月份。

Daylight Savings Start:	second 🔻	Sunday	▼ in	March 🔻	at	02 ▼ : 00 ▼
Daylight Savings End:	First v	Sunday	▼ in	November •	at	02 ▼ : 00 ▼
Daylight Savings Offset:	60 T Mi	nutes				

步驟8.在夏令時結束區域中,從相應的下拉選單中選擇夏令時結束的日期、時間和月份。

Daylight Savings Start:	second	Ŧ	Sunday	•	in	March •	at	02	•	00	•
Daylight Savings End:	First	•	Sunday	•	in	November •	at	02	•	00 •	J
Daylight Savings Offset:	60 🔻	Mi	nutes								

步驟9.從Daylight Savings Offset下拉選單中,選擇進行夏令時新增的分鐘數。

Daylight Savings Start:	second T	Sunday 🔹	in	March 🔻	at	02 ▼ : 00 ▼
Daylight Savings End:	First V	Sunday 🔻	in	November •	at	02 ▼ : 00 ▼
Daylight Savings Offset:	60 🔻 Mir	nutes				

<u>步驟10.</u>按一下Save以儲存組態。

Time Settings	
System Time:	Wed.,Aug 10,2016 23:34:46 PDT
System Clock Source:	 Network Time Protocol (NTP) Manually
Clone PC Time:	Cloning
System Date:	August ▼ / 11 ▼ / 2016 ▼ (MM/DD/YYYY)
System Time:	14 ▼ : 37 ▼ (HH:mm)
Time Zone:	USA (Pacific)
Adjust Time for Daylight Savings:	
Daylight Savings Start:	second ▼ Sunday ▼ in March ▼ at 02 ▼ : 00
Daylight Savings End:	First ▼ Sunday ▼ in November ▼ at 02 ▼ : 00
Daylight Savings Offset:	60 ▼ Minutes
Save	

現在,您應該手動配置WAP上的時間設定。