tp-link

Managing System of Standalone EAP

CHAPTERS

This guide applies to:

EAP225-Outdoor 1.0, EAP110-Outdoor 3.0, EAP110 4.0, EAP115 4.0, EAP115-Wall 1.0, EAP225-Wall 2.0, EAP225 3.0, EAP245 3.0, EAP320 2.0, EAP330 2.0.

This guide introduces how to manage the system of your EAP, including:

- Configure the User Account

- Configure the System Time

- Reboot and Reset the EAP

- Backup and Restore the Configuration

- Update the Firmware

1 Configure the User Account

Every EAP device has a user account, which is used to log in to the management page of the EAP. When you start the EAP at the first time, the username and password of the user account are both admin. After the first login, the system will require you to set a new username and a new password for the user account. And then you can use the new user account to log in to the EAP. Also, you can change your user account as needed.

👉 Tips

Please remember your user account well. If you forget it, reset the EAP to the factory defaults and log in with the default user account (username and password are both admin).

To configure the user account, go to **System > User Account** page.

Figure 1-1   User Account Page

Follow the steps below to change your user account on this page:

1) Enter the old username and old password of your user account.

2) Specify a new username and a new password for your user account. The system will automatically detect the strength of your entered password. For security, we recommend that you set a password with high strength.

3) Retype the new password.

4) Click **Save**.

2 Configure the System Time

System time is the standard time for Scheduler and other time-based functions. The EAP supports the basic system time settings and the Daylight Saving Time (DST) feature.

To configure the system time, go to the **System > Time Settings** page.

Figure 2-1   Time Settings Page
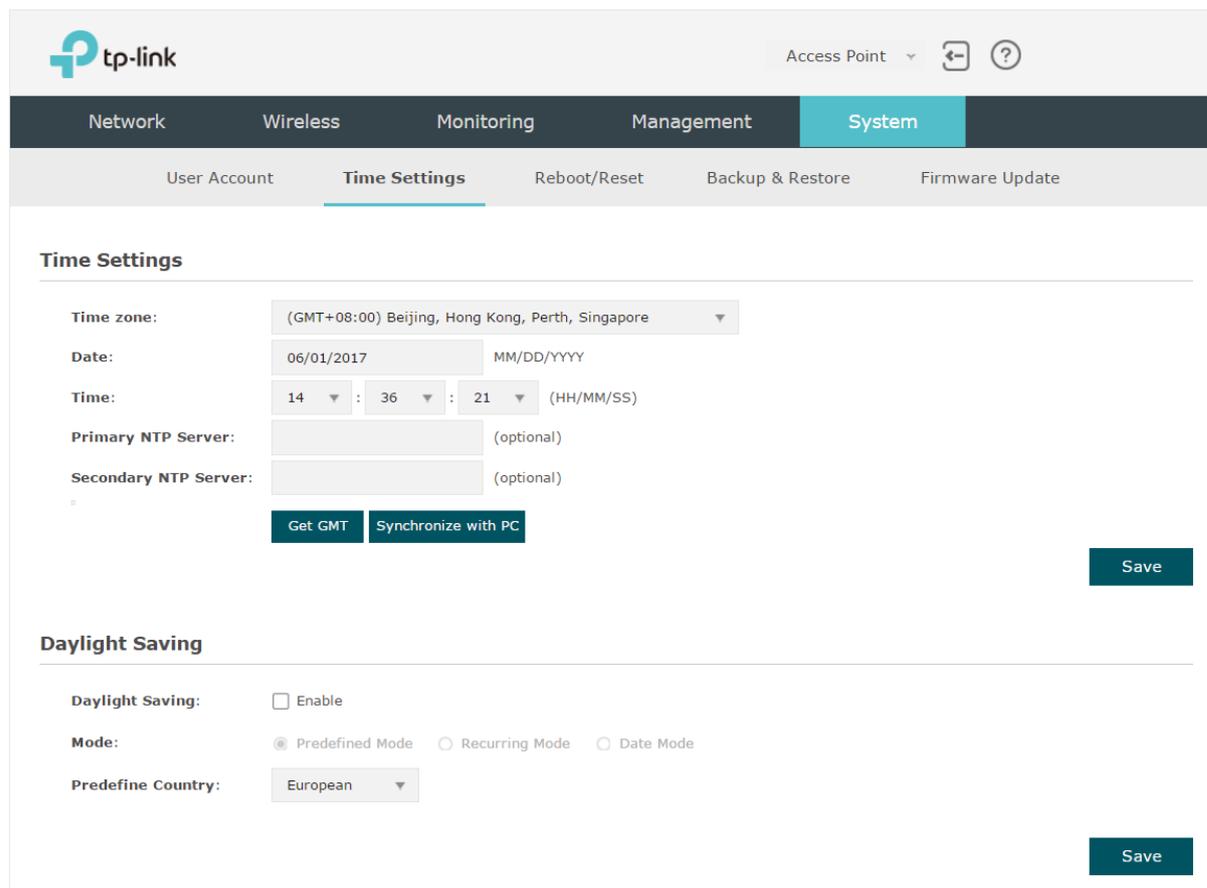
The following two sections introduce how to configure the basic system time settings and the Daylight Saving Time feature.

2.1   Configure the System Time

In the **Time Settings** section, you can configure the system time. There are three methods to set the system time: **Set the System Time Manually**, **Acquire the System Time From an NTP Server**, and **Synchronize the System Time with PC's Clock**.

Figure 2-2   Configuring Time Settings

Time Settings

Time zone:	(GMT+08:00) Beijing, Hong Kong, Perth, Singapore ▼	
Date:	06/01/2017	MM/DD/YYYY
Time:	14 ▼ : 36 ▼ : 21 ▼	(HH/MM/SS)
Primary NTP Server:		(optional)
Secondary NTP Server:		(optional)

[Get GMT] [Synchronize with PC]

[Save]

Determine the way of setting the system time and follow the steps below to complete the configurations:

Set the System Time Manually

To set the system time manually, follow the steps below:

1) Configure the following three options on the page: **Time Zone, Date** and **Time**.

Time Zone	Select your time zone from the drop-down list. Here GMT means Greenwich Mean Time.
Date	Specify the current date in the format MM/DD/YYYY. MM means month, DD means day and YYYY means year. For example: 06/01/2017.
Time	Specify the current time in the format HH/MM/SS. HH means hour, MM means minute and SS means second. It uses 24-hour system time. For example: 14:36:21.

2) Click **Save**.

👉 Tips

The system time set manually will be lost after the EAP is rebooted.

Acquire the System Time From an NTP Server

To get the system time from an NTP server, follow the steps below:

1) Build an NTP server on your network and make sure that it is reachable by the EAP. Or you can simply find an NTP server on the internet and get its IP address.

👉 Tips

If you use an NTP server on the internet, make sure that the gateway address is set correctly on the EAP. Otherwise, the EAP cannot get the system time from the NTP server successfully.

2) Specify the NTP server for the EAP. If you have two NTP servers, you can set one of them as the primary NTP server, and the other as the secondary NTP server. Once the

primary NTP server is down, the EAP can get the system time from the secondary NTP server.

Primary NTP Server	Enter the IP address of the primary NTP server. *Note:* If you have only one NTP server on your network, enter the IP address of the NTP server in this field.
Secondary NTP Server	Enter the IP address of the secondary NTP server.

3) Click the button **Get GMT** and the acquired system time will be displayed in the **Date** and **Time** fields.

4) Click **Save**.

Synchronize the System Time with PC's Clock

To synchronize the system time with the clock of your currently logged-in host, follow the steps below:

1) Click the button **Synchronize with PC** and the synchronized system time will be displayed in the **Date** and **Time** fields.

2) Click **Save**.

👉 Tips

The system time synchronized with PC's clock will be lost after the EAP is rebooted.

2.2 Configure Daylight Saving Time

Daylight saving time is the practice of advancing clocks during summer months so that evening daylight lasts longer, while sacrificing normal sunrise times. The EAP provides daylight saving time configuration.

Figure 2-3   Configuring Daylight Saving

Follow the steps below to configure daylight saving time:

1) Check the box to enable **Daylight Saving.**

2) Select the mode of daylight saving time. Three modes are available: **Predefined Mode, Recurring Mode** and **Date Mode**.

3) Configure the related parameters of the selected mode.

Predefined Mode

If you select Predefined Mode, choose your region from the drop-down list and the EAP will use the predefined daylight saving time of the selected region.

There are four regions provided: **USA, European, Austrilia** and **New Zealand**. The following table introduces the predefined daylight saving time of each region.

USA	From 2: 00 a.m. on the Second Sunday in March to 2:00 a.m. on the First Sunday in November.
European	From 1: 00 a.m. on the Last Sunday in March to 1:00 a.m. on the Last Sunday in October.
Australia	From 2:00 a.m. on the First Sunday in October to 3:00 a.m. on the First Sunday in April.
New Zealand	From 2: 00 a.m. on the Last Sunday in September to 3:00 a.m. on the First Sunday in April.

Recurring Mode

If you select Recurring Mode, manually specify a cycle time range for the daylight saving time of the EAP. This configuration will be used every year.

The following table introduces how to configure the cycle time range.

Time Offset	Specify the time to set the clock forward by.
Start	Specify the start time of daylight saving time. The interval between the start time and end time should be more than 1 day and less than 1 year (365 days).
End	Specify the end time of daylight saving time. The interval between the start time and end time should be more than 1 day and less than 1 year (365 days).

Date Mode

If you select Date Mode, manually specify an absolute time range for the daylight saving time of the EAP. This configuration will be used only once.

Mode:	○ Predefined Mode	○ Recurring Mode	● Date Mode

Time Offset:	60	minutes (1-180)												
Start:	2014 ▼	-	Mar ▼	-	01 ▼	at	01 ▼	:	00 ▼					
End:	2014 ▼	-	Oct ▼	-	01 ▼	at	01 ▼	:	00 ▼					

The following table introduces how to configure the absolute time range.

Time Offset	Specify the time to set the clock forward by.
Start	Specify the start time of daylight saving time. The interval between the start time and end time should be more than 1 day and less than 1 year (365 days).
End	Specify the end time of daylight saving time. The interval between the start time and end time should be more than 1 day and less than 1 year (365 days).

4) Click **Save**.

3 Reboot and Reset the EAP

You can reboot and reset the EAP according to your need.

To reboot and reset the EAP, go to the **System > Reboot&Reset** page.

Figure 3-1   Reboot&Reset Page
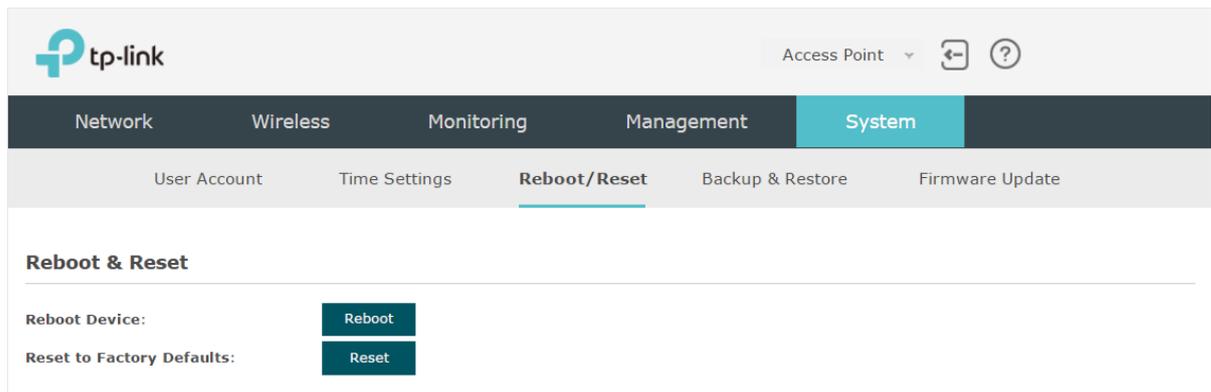
- To reboot the EAP, click the Reboot button , and the EAP will be rebooted automatically. Please wait without any operation.

- To reset the EAP, click the Reset button , and the EAP will be reset to the factory defaults automatically. Please wait without any operation.

☞ Tips

After reset, all the current configuration of the EAP will be lost. We recommend that you check whether you have any configuration that needs to be backed up before resetting the EAP.

4 Backup and Restore the Configuration

You can save the current configuration of the EAP as a backup file and save the file to your host. And if needed, you can use the backup file to restore the configuration. We recommend that you backup the configuration before resetting or upgrading the EAP.

To backup and restore the configuration, go to the **System > Backup&Restore** page.

Figure 4-1　Backup&Restore Page
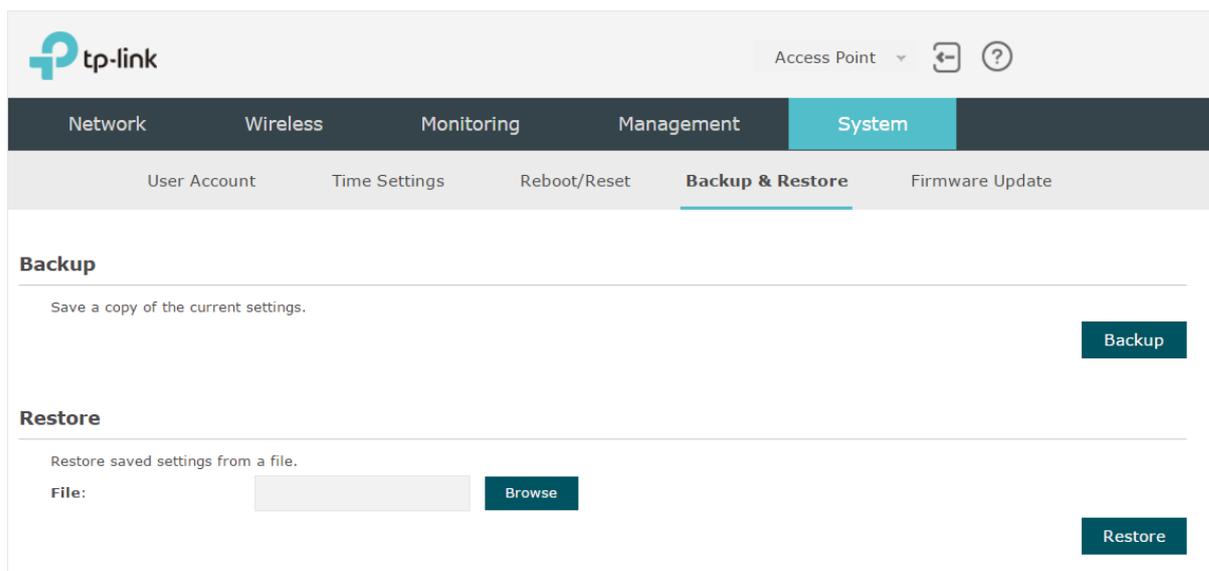
- To backup the configuration, click the button Backup in the Backup section, and the backup file will be saved to the host automatically.

- To restore the configuration, click the button Browse in the Restore section and choose the backup file from the host. Then click the button Restore to restore the configuration.

5 Update the Firmware

We occasionally provide the firmware update files for the EAP products on our official website. To get new functions of the EAP, you can check our official website and download the update files to update the firmware of your EAP.

To update the firmware, go to the **System > Firmware Update** page.

Figure 5-1　Firmware Update Page
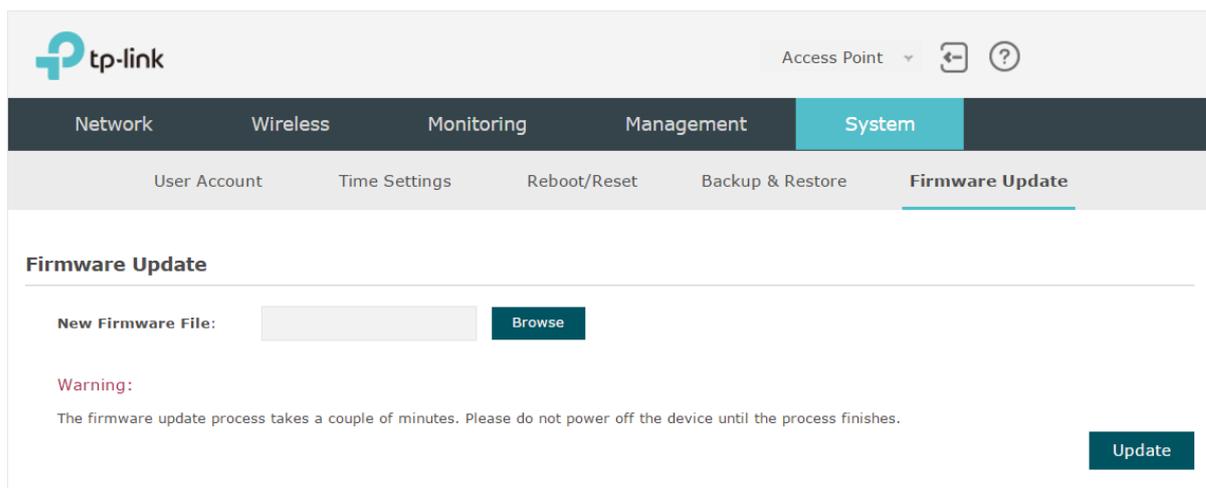
Follow the steps below to update the firmware of your EAP:

1) Go to the official website and search your EAP model. Download the proper firmware file on the support page of the EAP.

2) Click the button [Browse], locate and choose the correct firmware file from your host.

3) Click the button [Update] to update the firmware of the EAP. After updated, the EAP will be rebooted automatically.

☛ Tips

> The update process takes several minutes. To avoid damage to the EAP, please wait without any operation until the update is finished.

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