



Best Practices Adding Deco CPE into TP-Link Aginet Unified Cloud "TAUC"

Table of Contents

About this Guide	3
Chapter 1. Installing a CPE Using the Deco App	4
Chapter 2. Installing a CPE in TAUC Pre-Installation with Pre-Configuration	7

About this guide

This guide introduces a best practice process for adding CPE into the TP-Link Aginet Unified Cloud System (TAUC), a more efficient ISP solution for managing field CPE. Features available in TAUC may vary by CPE model and software version.

There are two main best practices for getting a TP-Link Deco CPE into TAUC during or prior to field installation. The first option will be to install the CPE using the Deco app in ISP mode. The second option will be to add a Deco CPE's Serial Number and MAC address into TAUC prior to field installation.

Important Note: The Deco app is available for both Apple and Android mobile phones. The Deco app should be downloaded, and a TP-Link ID created prior to starting this guide. Once the TP-Link ID has been created, an application must be created for access to a TAUC account. Register to be a partner at https://www.tp-link.com/us/tauc/.

While onsite, or beforehand, the customer should create a TP-Link ID. This will allow the installer to assign the new device to the customer's TP-Link ID for CPE management in the Deco app.

TP-Link Aginet Unified Cloud (TAUC) can be found at <u>https://tauc.tplinkcloud.com/</u>.

Chapter 1. Installing a CPE Using the Deco App in ISP Mode

The recommendation of this guide is to add the CPE to TAUC using the Deco app in ISP mode during installation. The other option would be to manually add the CPE to TAUC using the serial number and MAC address of the CPE prior to installation (Chapter 2).

- 1. Open the Deco App. Make sure to have your TP-Link ID ready. If you do not have a TP-Link ID, you can sign up at https://community.tp-link.com/en/register. Once the TP-Link ID has been created, the ISP TAUC administrator should create a user account using the new TP-Link ID.
- 2. Enter the TP-Link username and password in the Deco app. **Do not** tap the Log In button.
- 3. Push and **HOLD** the Log In button for around 5 seconds. Wait until a yellow ISP icon shows at the top right-hand side of the screen before releasing. See the red arrow pointing to the ISP icon in screenshot below.

× Welcome to Deco	× Welcome to Deco	X Welcome to Deco
A TP-Link (D (Email)	🌲 your.email@domain.com	your.email@domain.com
A Passedra 💿	🔒 TPLink_ID_Password 🛛 📎	🔒 TPLink_ID_Password 🛛 📎
Forgot Passimond?	Forgot Passaeord?	Forgot Passaword?
Logili	Log b	Logis
Don't have an account?	Don't have an account?	Don't have an account?

Step 1



Step 3

- 4. After logging in, select your deco model, continue through the installation steps, and the app will begin search for your CPE.
- 5. Once the CPE has been found by the app, continue through the configuration and setup screens.
- 6. After setting up the wireless, your mobile device will connect to the new SSID.



Step 4



Step 6

7. After successfully completing the setup and connecting to the wireless, the new network topology map will show in the app. In addition, the new device/network will show up in TAUC. The Deco app will add the network to TAUC with "New Network_date_time." See below. Note: Only basic information will be automatically added into TAUC. The customer information must be entered into TAUC through a web browser after the device has been added. The Deco app will not provide this ability.

P	tp-link // TAUC
00	Network Name, User Name, IP, Q All(1) Online(1) Offline(0) In
Ċ	Device ■ Model
டி	Deco X20 <u>New network_10/26_15</u> ONLINE
0,00	

To transfer management of the CPE to the end user's TP-Link ID, the following steps must be followed.

- 8. In the example below the device name/location is Office. Tap on the Office device icon.
- 9. In the top right-hand corner are 3 dots. Click on the 3 dots and select Change Network Owner.
- 10. Enter the password for the installer's TP-Link account. Then enter the end user's TP-Link ID to transfer ownership and allow the end user to use their own TP-Link ID to manage the device.

=		
MyWiFi		Office MAC: 10 Change Network Ow
≓ Change Network		IP: 192.7 Reboot
Wi-Fi Settings Guest Networ	rk	0 kbps Download ↓ Remove
 Everything looks good. 	>	Connected Clients (1 Support
✓ 6 kbps ↑ 7 kl	bps	Jarvis Me
	Dffice	
Online Clients (1)	>	
Online Clients (1)	>	

Step 7

Step 9

Page 6 of 11

11. The CPE can now be managed via the App or TAUC.

The customer information must now be added into TAUC.

- 12. Using a web browser, log into TAUC and find the new device/network. A search can be made for the "New network" name, WAN MAC, or Serial Number.
- 13. On the right-hand side of the page, click on the Customer Info button. $\underline{2}$
- 14. Enter customer information into the desired customer fields.

P	p-link 📝 TAUC					() :	
96	Network Name, User Name, IP, Q All(1) Online(1) Offline(0) Ir	nventory(0) Abnormal(0)			+ Add	.↓ Import	C
C	Device 👻 Model 💠 Network Name 💠 Status 💠	Firmware Version 🝦	Last Online Date	Offline Period	Uptime	Action Customer Info	,
ഫ്	Deco X20 <u>New network_10/26_15</u> ONLINE	2.1.3 Build 20220530 Rel. 39753			17m 23s	. ∎2	•
Ś		Step 13		Showir	ng 1-1 of 1 record(s)	< 1 >	10 /

Ptp	link 🛃 TAUC						BASIC INFORMATION
000	Network Name, User Name, IP,, Q. All(1) Online(1)	Offline(0) Inventory(0) Abnormal(0)					Network Name
							First Last Name
	Device 👻 Model 💠 Network Name 💠	Status 🖕 IP	MAC 💠	Firmware Version 👙	Last Online Date	Offline Per	User Name
للله	Deco X20 <u>New network_10/26_15</u>	ONLINE 192.168.1.222	1C-3B-F3-16-1D-20	2.1.3 Build 20220530 Rel. 39753			User Name
ŝ						_	Phone Number
Ż							123-456-7890
Ë							Email
ŵ							your.email@domain.com
							Operator
							None
							Address
							Customer Address
							CPE LIST
							S/N
							1234567890123
							MAC
(B)							12 - 34 - 56 - 78 - 90 - 12
0							1.44
A							T Add
@							Save Delete Cancel

Step 14

Chapter 2. Installing a CPE in TAUC Pre-Installation

When adding CPE to the TAUC management portal, please make sure to use ALL CAPS for SN and MAC address. The recommendation of this guide is to add the CPE to TAUC prior to installing in the field, if not using the Deco APP (Chapter 1).

TP-Link Aginet Unified Cloud (TAUC) can be found at https://tauc.tplinkcloud.com/.

1. Log into TAUC and click on Network List along the left-hand side of the page.

Dashboard	~ [Hour Day Month	Quarter Ye	ar			• 0-40%	• 40-70% •
Network List 🧲	-							
Statistic								
Task								
CAF Test	0	09:30	09:4	10	09:50	10:00		10:10
Log								
	p-link // T/ Dashboard Jetwork List < Statistic Statistic Statistic Statistic Statistic Statistic Statistic	p-link TAUC Dashboard ~ Detwork List Cask CAF Test .0g	p-link TAUC Dashboard Hour Day Month Dashboard Dashboard Hour Day Month Dashboard Hour Day Month Dashboard Hour Day Month Dashboard Hour Day Month Dashboard Particular Dashboard Month Dashboard Month Dashboard Dashboard Month Dashboard Dashboard Month Dashboard Dashboard </td <td>p-link TAUC Dashboard Hour Day Month Quarter Ye Dashboard Hour Day Month Quarter Ye Detwork List Statistic Table Table Table Table Statistic Table Table Table Table Day Month Quarter Ye Network List Statistic Table Table</td> <td>p-link Image: TAUC Dashboard Image: Month Quarter Year Dashboard Image: Month Quarter Year Detwork List Statistic Statistic <!--</td--><td>p-link Image: TAUC Dashboard Image: Month Quarter Year Detwork List Statistic Tauk CAF Test 0 09:30 09:30 09:40 09:40</td><td>p-link TAUC Dashboard Hour Day Month Quarter Year Detwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:40 09:50 10:00</td><td>p-link Image: TAUC Dashboard Hour Day Month Quarter Year 0-40% Metwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:50 10:00</td></td>	p-link TAUC Dashboard Hour Day Month Quarter Ye Dashboard Hour Day Month Quarter Ye Detwork List Statistic Table Table Table Table Statistic Table Table Table Table Day Month Quarter Ye Network List Statistic Table Table	p-link Image: TAUC Dashboard Image: Month Quarter Year Dashboard Image: Month Quarter Year Detwork List Statistic Statistic </td <td>p-link Image: TAUC Dashboard Image: Month Quarter Year Detwork List Statistic Tauk CAF Test 0 09:30 09:30 09:40 09:40</td> <td>p-link TAUC Dashboard Hour Day Month Quarter Year Detwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:40 09:50 10:00</td> <td>p-link Image: TAUC Dashboard Hour Day Month Quarter Year 0-40% Metwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:50 10:00</td>	p-link Image: TAUC Dashboard Image: Month Quarter Year Detwork List Statistic Tauk CAF Test 0 09:30 09:30 09:40 09:40	p-link TAUC Dashboard Hour Day Month Quarter Year Detwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:40 09:50 10:00	p-link Image: TAUC Dashboard Hour Day Month Quarter Year 0-40% Metwork List Statistic iask CAF Test 0 09:30 09:30 09:40 09:50 10:00

2. After selecting the Network List, click on "+ Add" to add the new CPE into TAUC.

P	tp-link 🛃 TAUC	۰ :
96	Network Name, User Name, IP Q All(0) Online(0) Offline(0) Inventory(0) Abnormal(0)	+ Add 🛓 Import 💍 Refresh
	Device Type 🔻 Model 💠 Network Name 💠 Status 💠 PPPoE Username 💠 Public IP IP	Action 👻
்		
Ż	No Data	
Ë		
ഹ		

3. The Network Name, S/N (Serial Number), and MAC address are the required minimum. Add any additional necessary customer information to the other fields. Click Save.

CPE LIST
S/N
MAC
+ Add

After adding the device into TAUC, the pre-configuration feature can also be used to setup the client device prior to installation. This feature will preemptively setup the Operation Mode (Router or AP only), Internet (WAN) settings, DNS, SSID and wireless password. Once the device has been powered on and connected to the Internet, this configuration will be downloaded and applied to the CPE.

How to use the Pre-Configuration feature...

4. Click on the 3 dots next under the Action column and select Pre-Configuration.

🛟 tp-link 📝 TAUC						
96	new Q All(1) Online(1) Offline(0)	Inventory(0) Abnormal(0)		+ Add 💄 Import 💍 Refresh		
G	Device 🐨 Model 💠 Network Name 💠 Status 💠	WAN MAC 💠 IP	MAC 👙	Firmware Version 💠 Action 👻		
ملله	Deco X20 <u>New network 10/26 15</u> ONLINE	192.168.1.	222 1C-3B-F3-16-1D-20	2.1.3 Build 20220530 Rel. 3975 2		
ô				() Reboot		
Ż				Showing 1-1 O Pre-Configuration 10 / page V		
Ë				Sock NAT		

🛟 tp-link 💦 TAUC							
90	new Q Al	I(1) Online(1) Offline(0) Inve	entory(0) Abnormal(0)			Pre-Configuration	
C	Device 👻 Model 💠 Network	(Name 👙 Status 👙	WAN MAC \$	IP	MAC ¢		
ഫ	Deco X20 New net	work 10/26 15 ONLINE		192.168.1.222	1C-3B-F3-16-1D		
Ż							
Ë						Cancel	

 Select the Operation Mode, Internet settings, wireless settings, and SIP ALG option.
 Note: Depending on the model of the CPE, the Pre-Configuration screens may or may not match the screenshots below.

Ptp	-link 🕅 TAUC				Pre-Configuration
% •	new Q All(1) Online(1) Offline(0) Invertie Device Model \$ Network Name \$ Status \$ Deco X20 New network: 10/26-15 ONLINE	entory(0) Abnormal(0) WAN MAC 👙	IP 192.168.1.222	MAC () 10-38-F3-16-1D	Operation Mode Wireless Router Mode Access Point Mode DSL Router Mode Mobile Mode
					Internet
					Internet Connection Type
Ø					Dynamic IP V
					VLAN
					Enable
					Primary DNS(Optional)
					· · · ·
					Secondary DNS(Optional)
					· · ·
					Wireless Network Name(SSID)
ŝ					Deco-o4er
8					Password
\odot					Apply Reset Cancel

- 6. After adding the CPE information to TAUC and setting the Pre-Configuration options, connect the CPE to the Internet and allow it to obtain an IP.
- 7. Once online, the CPE will download the pre-configuration settings and can now be managed using TAUC.

P tp-link // TAUC						
90	new	۹. All(1) Online(1)	Offline(0) Inve	entory(0) Abnormal(0)		
C	Device T N	Notwork Name 👙	Status 👙	IP	MAC \$	Firmware Version 👙
யி		Deco X20 <u>New network 10/26 15</u>	ONLINE	192.168.1.222	1C-3B-F3-16-1D-20	2.1.3 Build 20220530 Rel. 39753
÷.						Showing