
cnPilot™ Enterprise AP Release Notes

**cnPilot e400/e410/e500/e501S/e600
System Release 3.4.3.2**



Cambium Networks

Introduction

This document provides information for the Cambium Networks cnPilot Enterprise AP system release 3.4.3.2.

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Note

Hostnames are only allowed to have the following characters 0-9/a-z/A-Z and hyphens. If a previously configured hostname had other characters those characters will be replaced with hyphens.

Supported Platforms

The following table provides details on the supported platforms:

- cnPilot e400 Indoor
- cnPilot e410 Indoor
- cnPilot e500 Outdoor
- cnPilot e501S Outdoor
- cnPilot e600 Indoor



Note

Certain features may not be available on this product line and will be called out explicitly where not applicable.

Features introduced in 3.4.3.2 release

There are no new features introduced in this release of cnPilot Enterprise AP as 3.4.3.2 is a maintenance release.

Fixed Issues (System Release 3.4.3.2)

This section lists the fixed issues in 3.4.3.2 release of cnPilot Enterprise AP:

Tracking	Product	Description / Workaround
FLCN-2858	All	The AP rebooted while 5GHz clients were deleted from the wireless entries.
FLCN-3025	All	SYNC state on cnMaestro On-Premises was getting updated when user triggered WiFiPerf.

Known Issues (System Release 3.4.3.2)

This section lists the known issues in 3.4.3.2 release of cnPilot Enterprise AP:

Tracking	Product	Description / Workaround
FLCN-2811	All	The Autopilot mode configuration set under 'CLI Overrides' is not taking effect on managed APs.
FLCN-2899	All	With Multiple routes on a device, NAT mode takes top route entry but not VLAN1.
FLCN-2902	All	Enabling PMTU discover with L2GRE can cause device instability.

Tracking	Product	Description / Workaround
FLCN-2915	All	In Autopilot configuration, a E600 AP cannot upgrade an E410 Access Point. As a workaround, upgrade the e410 from its own device GUI.
FLCN-2916	All	When managed through Autopilot the APs GUI does not show status. As a workaround, use the CLI command 'show autopilot'.

Limitations

This section lists the limitations in 3.4.3.2 release of cnPilot Enterprise AP:

Auto-RF is not supported with Mesh. If using Mesh, please set your APs to use **Auto-Channel-Selection** or **Static channels**.

Appendix

Supported list of WiFi Features

The following table lists the features that are supported in cnPilot Enterprise AP:

Supported Features	
Controller modes	<ul style="list-style-type: none"> Autonomous Controller-less operations (E.g: roaming) Cloud Managed On-premise virtualized controller
Secure WLAN	<ul style="list-style-type: none"> WPA-TKIP, WPA2 AES, 802.1x 802.11w (Protected Management Frames)
Hotspot 2.0/Passpoint	
Captive Portal/ Guest Access	<ul style="list-style-type: none"> cnMaestro controller Stand-alone AP based Redirection to external radius server Active Directory Integration
Authentication	Secure Web page, RADIUS based 802.1x including EAP-SIM/AKA, EAP-PEAP, EAP-TTLS, and EAP-TLS MAC authentication (local database or External RADIUS server)
Accounting	Supports RADIUS based accounting to multiple AAAs
Scheduled SSID	Turn SSID ON/OFF on a daily/weekly/time of day basis
VLAN	<ul style="list-style-type: none"> Dynamic VLAN assignment from RADIUS server. VLAN per SSID per user, VLAN load balancing
Data Limiting	Dynamic rate limiting of client traffic per SSID & per client

Supported Features

Subscriber QoS	WMM
Client Isolation	
Controller-Less Fast Roaming	<ul style="list-style-type: none"> • Yes. 802.11r, Opportunistic Key Caching supports Enhanced roaming • Disconnect for sticky clients
ACS: Automatic Channel Selection	Set at start or run periodically
NAT	
DHCP Server	
Firewall	NAT logging
ACL, DNS-ACL	L2, L3 or DNS based access control
Band Steering Band Balancing	
Airtime Fairness	
Tunneling	<ul style="list-style-type: none"> • L2TP • L2oGRE • PPPoE
Tools	<ul style="list-style-type: none"> • Packet Capture • Wireless Sniffer • IP Connectivity • Wi-Fi Analyser • Tech Support (Logs)
Services	
APIs	Presence Locating API
Certifications	FCC, ETSI, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated

Technical Support

For technical support, see

<http://www.cambiumnetworks.com/support>

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