

IQ Engine 10.2r4 Release Notes

Release date: December 20, 2020

Hardware platforms supported: AP305C, AP305CX, AP410C, AP460C, AP510C, AP510CX, AP630, AP650, AP650X

Management platforms supported: ExtremeCloud IQ 20.12.10.1 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

Hanshow ESL USB Dongle Support: Devices running this release of IQ Engine now support Hanshow Electronic Shelf Label USB dongles. Using USB dongles removes the need for additional ESL infrastructure devices.

Troubleshooting Command Set Enhancement: Administrators can now issue the `exec tcp-service` command on devices running IQ Engine 10.0r10. This command returns useful information regarding the TCP protocol stack.

Known and Addressed Issues

The following tables list known and addressed issues in IQ Engine 10.2.

Known Issues in IQ Engine 10.2r4

There are no known issues in this release.

Addressed Issues in IQ Engine 10.2r4

CFD-5586	Some APs prematurely deauthenticated client devices.
CFD-5460	Mobile clients were unable to authenticate through the captive web portal through some APs.

Addressed Issues in IQ Engine 10.2r3

CFD-5569	Administrators could not configure a static WAN IP address using the NetConfig UI.
CFD-5498	Client devices did not re-authenticate properly during roaming.
CFD-5448	AP650 access points could not reconnect to the network after a broadcast storm ended.
CFD-5340	AP650 access points sometimes falsely reported radar events when both radios were in 5 GHz mode.
CFD-4873	Some APs did not pass traffic for several minutes after clients authenticated to the SSID.

CFD-4608	Some APs became unresponsive during normal operation.
HOS-15846	When an IDP scan was initiated, the AP sometimes stopped receiving traffic from client stations.

Addressed Issues in IQ Engine 10.2r2

CVE-2020-16152 PSIRT-34 PSIRT-32	Attackers were able to exploit the web interface of devices running previous versions of IQ Engine to elevate privileges and to perform denial of service attacks.
CFD-5234	DTLS handshakes were sometimes unsuccessful.
HOS-16451	Administrators could not configure some outdoor access points for transmit power settings above 20 dBm.
HOS-16248	Zero-wait DFS did not function properly on AP410C and AP510C access points.
HOS-14251	After a radar event triggered Zero-wait DFS, stations were deauthenticated and could not reconnect to the AP.

Addressed Issues in IQ Engine 10.2r1

This is the inaugural release of IQ Engine 10.2.