

# IQ Engine 10.4r5 Release Notes

**Release date:** May 1, 2022

**Hardware platforms supported:** AP30 Atom, AP122, AP122X, AP130, AP150W, AP230, AP245X, AP250, AP305C, AP305CX, AP410C, AP460C, AP460S6C, AP460S12C, AP510C, AP510CX, AP550, AP630, AP650, AP650X, AP1130, and AP4000

**Management platforms supported:** ExtremeCloud IQ 22.3.0.1 and later

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## New Features and Enhancements

This release introduces the following new features and enhancements:

**Device Management Enhancement:** SNMP sysObjectID naming for hardware platforms has been updated to allow for more accurate polling.

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## Known and Addressed Issues

The following tables list known and addressed issues in IQ Engine 10.4.

### Known Issues in IQ Engine 10.4r5

|           |   |
|-----------|---|
| HOS-17683 | Some WPA3 clients cannot associate to the AP4000 properly when band steering is enabled.<br><b>Workaround:</b> Disable band steering. |
| HOS-17639 | The output power of 20 MHz wide 6 GHz channels sometimes changes when changing to another 6 GHz channel or when rebooting.            |

### Addressed Issues in IQ Engine 10.4r5

|           |  |
|-----------|--|
| HOS-17995 | IQ Engine did not use the Filter-ID value from network access control applications such as A3.                                 |
| HOS-17740 | When an admin shut down the USB interface used with the Hanshow ESL dongle, the IP address remained assigned to the interface. |

### Addressed Issues in IQ Engine 10.4r4

|           |  |
|-----------|--|
| CFD-7332  | Administrators were unable to configure an SDR profile on AP305C access points.                                |
| HOS-17838 | iBeacon transmission intervals were unstable and the iBeacons were sometimes not detectable by client devices. |

## Addressed Issues in IQ Engine 10.4r3

|           |   |
|-----------|---|
| CFD-6973  | Device MIBs did not contain the most recent hardware devices.   |
| CFD-6833  | <b>Corrected Description:</b> When a client device roamed between two different AP platforms (such as from an AP130 to an AP410C access point) with 802.11r enabled, the receiving AP ignored the client reassociation request. |
| CFD-6759  | Client devices with 802.11r enabled could not roam between access points when the AP host name length is eight or 24 characters.  |
| CFD-6198  | XR600P routers were dropping packets that exceeded 528 bytes.   |
| HOS-17743 | The mesh backhaul throughput was low on 20 MHz and 80 MHz channel widths in the 6 GHz band.   |
| HOS-17707 | The upload data throughput was lower than the download data throughput on the 20 MHz and 80 MHz channels in the 6 GHz band.   |
| HOS-17620 | Traffic was sometimes disrupted when the admin disabled WMM in the configuration or when the client did not support WMM.  |
| HOS-17309 | AP410C access points running IQ Engine 10.3r3 sometimes became unresponsive.  |
| HOS-14251 | Enabling Zero Wait DFS caused the AP to deauthenticate client stations and prevent them from reconnecting.  |

## Addressed Issues in IQ Engine 10.4r2

There are no addressed issues in this release.

## Addressed Issues in IQ Engine 10.4r1

This is the inaugural release of IQ Engine 10.4.