

HiveOS 8.4r10 Release Notes

Release date: January 24, 2019

Hardware platforms supported: Atom AP30, AP122, AP122X, AP130, AP150W, AP230, AP245X, AP250, AP550 and AP1130

Management platforms supported: HiveManager 19.1.1.1 or later

Change in Behavior or Appearance

This release introduces the following changes in behavior or appearance:

Atom AP30 LED Patterns: HiveOS 8.4r10 introduces the following changes to the LED color and blink patterns for the Atom AP30:

Blink Pattern	Before HiveOS 8.4r10	HiveOS 8.4r10
Steady Amber	Device is initializing, rebooting, or downloading new software.	The device is initializing, rebooting, or downloading new software; or, device has lost a previously established CAPWAP connection.
Fast-blinking White	Device is attempting to locate a neighbor device with which to establish a mesh connection.	Device is attempting to locate a neighbor device with which to establish a mesh connection.
Slow-blinking Amber	Device obtained a password; establishing a mesh connection.	Device obtained a password; establishing a mesh connection.
No Flashing of Amber and White	N/A	Minimal connection; unstable
Slow-alternating Amber and White	N/A	Stable, but sub-optimal connection
Fast-alternating Amber and White	N/A	Stable and optimal connection
Steady White	Device has successfully established a CAPWAP connection and is operating normally.	The device has successfully established a CAPWAP connection and is operating normally.

New Features and Enhancements

This release introduces the following new features and enhancements:

Network 360 Enhancements HiveOS 8.4r10 introduces enhancements to the Network 360 widgets:

Security: Support for NAC violation reporting, improved DoS metric reporting, packet drop reason reporting, and more robust reporting of rogue device information

Wi-Fi Statistics: Support for customizable interval for data collection, including the collection of per-radio channel and power change events and reason codes, RSSI level and noise floor level along with the associated signal-to-noise ratio, per-radio non-Wi-Fi interference (such as from microwave ovens and Bluetooth devices), and DFS-triggered channel change events, along with other metrics.

Roaming Improvement: In this release, the roaming process has been optimized to increase roaming speed while using fewer system resources.

Known and Addressed Issues

Known Issues in HiveOS 8.4r10

HOS-14701	The output power of the AP1130 access point is sometimes lower than what is expected or configured.
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Addressed Issues in HiveOS 8.4r10

HOS-14756	Administrators were sometimes unable to update the firmware on AP150W access points.
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Addressed Issues in HiveOS 8.4r9a

There are no addressed issues in HiveOS 8.4r9a.

Addressed Issues in HiveOS 8.4r9

CFD-3817	Some HiveOS device interfaces were reporting the Wi-Fi connection status using G for gigahertz instead of GHz.
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Addressed Issues in HiveOS 8.4r8

There are no addressed issues in HiveOS 8.4r8.

Addressed Issues in HiveOS 8.4r7

CFD-3599	When employing GRE tunnels, AP250 and AP550 access points sometimes exhibited high CPU utilization.
CFD-3516	When queried at the command line, CRC error rate value appeared incorrectly formatted.

Addressed Issues in HiveOS 8.4r6

There are no addressed issues in HiveOS 8.4r6.

Addressed Issues in HiveOS 8.4r5

CFD-3574	Client devices sometimes lost the 2.4 GHz connection to the AP150W access points to which they were associated.
CFD-3561	APs consistently reported an incorrect CRC error rate.
CFD-3549	After a successful registration, HiveOS displayed a page indicating a successful login, rather than a successful registration, sometime accompanied by error messages on some devices.
CFD-3535	HiveOS did not send user account description content to HiveManager.
CFD-3528	HiveOS reported the incorrect EIRP power value.
CFD-3459	Some 64-bit SNMP values were truncated to 32-bit values, removing the high-order bits.

Addressed Issues in HiveOS 8.4r4

CFD-3511	When an admin entered the <code>show station</code> command with ARP proxy disabled, the IP address of client devices that were connecting with static IP address appeared as 0.0.0.0.
CFD-3503	Administrators were unable to configure a static IP address using the NetConfig UI.
CFD-3461	Some outbound traffic to international subnets contained the IP address of the AP as the source address.
CFD-3439	SNMP did not function properly after rebooting the device when the SNMP server was configured to use the domain name.
CFD-3414	UPA (Use Policy Acceptance) authentication did not work properly when also using PPSK.
HOS-8829	Radios sometimes did not correctly report power levels on the 5 GHz band.

Addressed Issues in HiveOS 8.4r3

CFD-3265	Devices did not reliably forward fragmented DNSv6 packets to wireless clients.
HOS-13834	A device operating in client mode using dual 5 GHz radios sometimes assigned both radios to the same channel.

Addressed Issues in HiveOS 8.4r2

There are no addressed issues in HiveOS 8.4r2.

Addressed Issues in HiveOS 8.4r1

This is the inaugural release of HiveOS 8.4.

