

HiveOS 8.4r8 Release Notes

Release date: December 7, 2018

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

Management platforms supported: HiveManager 18.12.1.1 or later

Change in Behavior or Appearance

This release introduces the following changes in behavior or appearance:

802.11r Enhancements: Stability enhancements have been built into HiveOS to allow it to function more seamlessly with authentication mechanisms such as PPSK.

WIPS Improvements: This release of HiveOS includes improvements in how internal and external network devices are identified and classified. In addition, improvements have also been made in how background scanning is performed.

Default MTU Change: HiveOS 8.4r8 establishes a new default MTU size of 2304 bytes to support jumbo frames.

New Features and Enhancements

This release introduces the following new features and enhancements:

WPA3 192-bit Encryption: This release adds support for an optional 192-bit wireless encryption suite for WPA3. APs configured with WPA3 still maintain interoperability with WPA2 devices when the AP is set to operate in transition mode.

802.11k and 802.11v: HiveOS 8.4r8 improves the use information gathered through Aerohive cooperative control protocols (including 802.11k and 802.11v) to facilitate client roaming and load balancing.

Network 360 Enhancements: This release of HiveOS feature additional client maximum capabilities reporting to HiveManager. HiveManager displays this additional information in the Network 360 tab, which is new as of HiveManager 18.12.1.1.

AP150W Static Voice VLAN Support: With HiveOS 8.4r8, you can now configure static voice VLANs on AP150W wired ports.

Known and Addressed Issues

Known Issues in HiveOS 8.4r8

There are no known issues in HiveOS 8.4r8

Addressed Issues in HiveOS 8.4r8

CFD-3685	EAP-TLS authentication was unsuccessful when the <i>Check the common name in the certificate against the user for TLS authentication</i> feature was enabled.
----------	---

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 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 indicated 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 is configured to use the domain name.
CFD-3414	UPA (Use Policy Acceptance) authentication does 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.