

HiveOS 8.4r7 Release Notes

Release date: November 2, 2018

Release versions: HiveOS 8.4r7

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

Management platforms supported: HiveManager 18.10.2.1 or later

Change in Behavior or Appearance

This release introduces the following changes in behavior or appearance:

ACSP (Advanced Channel Selection Protocol) Improvements: Because high-density deployments result in unusually dynamic RF environments, HiveOS 8.4r7 includes improvements in the ACSP protocol that can react and adapt to such changes.

Presence Configuration Enhancements: Presence is now enabled and disabled at the interface instead of in the radio profile. This allows much more flexibility when enabling or disabling Presence because the admin does not need to create a new radio profile to accommodate a Presence setting.

New Features and Enhancements

This release introduces the following new features and enhancements:

Client Monitor Enhancement: HiveOS 8.4r7 introduces the ability for an admin to disable monitoring a specific client device.

SAE (Simultaneous Authentication of Equals): SAE adds flexibility and security to devices that are authenticated, not as supplicant and authenticator, but as peers or equals, and is a key security element in the emerging WPA3 authentication mechanism.

SAE Transition Mode: Because migrating completely to a WPA3 environment can be disruptive, HiveOS 8.4r7 includes SAE Transition Mode. Transition Mode refers to the ability of administrators to use both WPA2 and WPA3 features together in the same SSID, which allows a gradual deployment of WPA3-compliant devices until a complete WPA3 migration can occur.

Network 360 View: Device Health (Temperature): This release of HiveOS features the inclusion of the AP operating temperature in the data reported to HiveManager.

Network 360 View: Wi-Fi Health (DFS Events): This release of HiveOS includes DFS event reporting, in which DFS events such as channel changes are logged and reported to HiveManager.

AP150W Trunk Support: AP150W wallplate access points running HiveOS 8.4r7 now support trunking. Administrators can configure AP150W ports to be trunk ports when not in PCG mode.

Known and Addressed Issues

Known Issues in HiveOS 8.4r7

There are no known issues in HiveOS 8.4r7

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.