

HiveOS 8.4r11 Release Notes

Release date: April 4, 2019

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

Management platforms supported: HiveManager 19.3.2.1 or later

New Features and Enhancements

This release introduces the following new features and enhancements:

Network 360 Enhancements: HiveOS 8.4r11 now supports Network 360 features.

BLE Improvements: HiveOS 8.4r11 is optimized for BLE devices, including USB dongle devices.

Private Client Group Enhancements: HiveOS 8.4r11 now supports cloud-based PPSK authentication, which allows the use of devices that are not statically bound to a particular AP.

Known and Addressed Issues

Known Issues in HiveOS 8.4r11

HOS-14701	The country code for Indonesia and Trinidad/Tobago was missing for the AP1130.
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Addressed Issues in HiveOS 8.4r11

CFD-3724	A new signature for Amazon video was added to the AVC signature library.
CFD-3988	When an SSID was using WPA-PSK+MacAuth+Fallback-to-ECWP authentication method, devices with authorized MAC addresses were still unable to connect.
CFD-3980	Invalid port numbers were appearing in forwarding engine logs.
CFD-3974	Beacons and probe responses were advertising incorrect supported rates.
CFD-3955	Chromebooks were sometimes unable to connect to AP250 access points.
CFD-3905	The AP130 Wifi1 radio (5 GHz) sometimes stopped transmitting or receiving, resulting in loss of client connectivity.
CFD-3882	MDM enrollment was unsuccessful.
HOS-13834	When dual-5GHz and client mode were enabled, both Wi-Fi interfaces were selecting the same channel.
HOS-14350	HiveOS 8.4r11 is now optimized for BLE devices on AP230s, including USB dongles (memory sticks), and the BLE MAC address can now be identified in the HiveOS CLI.
HOS-15174	HiveOS 8.4r11 can support an extra mode using status-server for RADIUS server keepalive.

Addressed Issues in HiveOS 8.4r10a

HOS-15004	ICMP exchanges were not occurring properly, resulting in a network health score of zero.
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Addressed Issues in HiveOS 8.4r10

HOS-14756	The Bluetooth BLE iBeacon firmware would not upgrade consistently.
CFD-3858	When disabled, the embedded web server continued to respond on the Mgt0 interface.
CFD-3836	AP250s at remote sites were sometimes unable to join a domain because of a timeout issue.
CFD-3812	AP250s using aggregate interfaces for Eth1 and Eth0 were running on AF power when AT power was required, resulting in LLDP errors.
CFD-3730	AP250 access points acting as RADIUS servers were sometimes generating excessive Kerberos frames attempting to authenticate as root.

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, the 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, sometimes 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.

