

HiveOS 8.2r3 Release Notes

Release date: June 12, 2018

Release versions: HiveOS 8.2r3

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

Management platforms supported: HiveManager 8.2r2 and later, and HiveManager NG 12.8.0.46 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

Syslog Improvements: Syslog entries now include group information. You can assign a log level to each log group independently. For example, if you are monitoring or troubleshooting VPN issues, you can set the log level of the VPN log group to debug while leaving the log level of all other groups at their normal levels. The following is a list of log groups:

Group Number	Group Name
0	WIFI
1	VPN
2	QOS
3	AAA
4	SECURITY
5	DEVMGMT
6	SYSTEM
7	SWITCHING
8	ROUTING
9	APPLICATION
10	MISC

Known and Addressed Issues

Known Issues in HiveOS 8.2r3

HOS-11615	An admin cannot add a new NAS (network access server) list unless the local RADIUS server is first disabled and then re-enabled.
HOS-11450	When tunneling wired guest traffic to a DMZ on an AP150W, the clients do not receive the appropriate IP address and tunneling is not successful. Workaround: Have clients connect to the wireless interfaces for tunneling guest traffic.

HOS-11138	Enabling Bonjour Gateway on an AP150W, AP122 or AP122X can cause those devices to report excessively high CPU loads. Workaround: Because Bonjour Gateway is a legacy feature than is generally unnecessary, you can either disable Bonjour Gateway, or relocate Bonjour Gateways to a higher-powered access point such as an AP550.
HOS-11087	On the AP150W, if Client Monitor is performed against multiple clients concurrently, the access point occasionally loses the CAPWAP connection to HiveManager.
HOS-11004	Remote Packet Capture on the AP150W can only capture traffic from wireless interfaces.

Addressed Issues in HiveOS 8.2r3

CFD-3349	When exporting tech data, AP122 access points did not generate <code>show station</code> output.
CFD-3294	Access points sometimes did not update successfully when static scanning channels were configured to include DFS channels.
CFD-3149	The Wifi0 interface sometimes did not respond properly to RTS frames sent by client devices.
CFD-3139	AP120 and AP230 access points sometimes spontaneously rebooted.
CFD-3129	In some cases, AP550 access points running HiveOS 8.2r1 frequently rebooted.
CFD-2832	AP250 access points running HiveOS 8.2r1 were rebooting.
CFD-2781	AP550 access points erroneously reported high utilization, which appeared in the HiveManager spectrum analysis displays.
CFD-2644	AP230 access points classified 802.1p traffic properly, but did not properly classify some Diffserv traffic.
HOS-12634	Zero-DFS did not function properly on AP150W, AP250, and AP550 access points running HiveOS 8.2r1.
HOS-12259	APs running HiveOS 8.2r1 sometimes did not detect neighboring devices running on other channels during background scanning.

Addressed Issues in HiveOS 8.2r2

CFD-3208	When using self-registration with captive web portal, the captive web portal did not appear on client devices running Android 7.1 or later, preventing successful registration.
CFD-3181	HiveOS devices did not properly respond to some Disconnect-Request and Change-of-Authorization packets.
CFD-3155	ID Manager users were unable to authenticate because HiveOS was using an incorrect IDM Proxy address.
CFD-3140 CFD-3129	AP550 access points sometimes spontaneously rebooted.
CFD-3139	AP130 and AP230 access point sometimes spontaneously rebooted.
CFD-3103	The HiveManager PPSK import process did not import email addresses using the .asia domain.
CFD-3102	In some cases, Disconnect-Request and CoA packets were not processed properly, resulting in persistent retries.
CFD-3061	The RADIUS Service-Type attribute was not set properly within Access-Request and Accounting-Request packets.

CFD-3042	IP-Policy Layer 7 IPv6 rules whose source address value was "any" did not function properly.
CFD-3035	Devices running HiveOS 8.1 sometimes raised alarms in HiveManager when using RADIUS with attribute mapping.
CFD-3034	HPE/Aruba ClearPass did not function properly when MAC authentication was used.
CFD-3017	IP address byte order in Layer 7 log entries was reversed.
CFD-3015	HiveManager NG allowed an admin to enter a 32-character user profile assignment group name, but returned an error after the attempt.
CFD-3001	AP550 access points were not drawing the correct PoE power from the PSE when LLDP was enabled.
CFD-2945	The AP150W did not correctly negotiate 802.3at power levels when using LLDP-MED.
CFD-2910	Devices using the Taiwan country code (158) did not support DFS
HOS-13111	Under certain circumstances when using RADIUS-based authentication, some wireless clients did not complete DHCP negotiations successfully, and did not acquire an IP address.
HOS-12459	AP550 access points sometimes assigned WiFi radio channels separated by too narrow a separation.

Addressed Issues in HiveOS 8.2r1a

CFD-3076	AP245X access points operating on the 2.4 GHz band were experiencing very high airtime utilization in some regions.
CFD-3039	AP245X access point running HiveOS 8.2r1 sometimes stopped forwarding client traffic to the network, resulting in a loss of client connectivity.
CFD-2980	Clients connected to some APs running HiveOS 8.2r1 were experiencing intermittent packet loss on the 2.4 GHz band.
CFD-2973	Some devices were able to connect to AP230 and AP330 access points, but not to AP250 access points with similar configuration.
CFD-2924	AP250 access points running HiveOS 8.1r2a were experiencing high CPU utilization.

Addressed Issues in HiveOS 8.2r1

HOS-11248	For the AP150W, the rate limiting settings for Eth2 and Eth3 did not appear after running a <code>show running config</code> command.
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