HiveOS 8.2r2 Release Notes

Release date: May 11, 2018

Release versions: HiveOS 8.2r2

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

Management platforms supported: HiveManager 8.2r2 and later, and HiveManager NG 12.8.0.27 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

Syslog Recovery: Syslog functionality in HiveOS 8.2r2 has been rolled back to the functionality that was present in HiveOS 8.0r2 with identical CLI commands and syntax.

AP Host Name in Beacon: Access points running HiveOS 8.2r2 now include their host names in beacon frames. This feature can be useful during site surveys and troubleshooting efforts.

AP122X DFS Support: HiveOS 8.2r2 now supports DFS channels on AP122X access points.

Changes in Behavior

With this release, the following changes in behavior or appearance are implemented in HiveOS 8.2r2:

- **Updated Power Tables**: Device power limits and have been updated.

Known and Addressed Issues

Known Issues in HiveOS 8.2r2

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 a 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 8.2r2

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	HiveManager did not 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 `show running config` command.