HiveOS 8.2r1a Release Notes

Release date: March 22, 2018

Release versions: HiveOS 8.2r1a

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

Management platforms supported: HiveManager 8.2r1 and later, and HiveManager NG 12.8.0.8 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

Proxy ARP Enhancements: HiveOS 8.2r1a adds support for the IEEE Extended Capability Field for Proxy ARP, which is transmitted in beacons and probes. Devices can use the contents of this field to conserve battery life by allowing the device to sleep for longer periods and to rely on proxy-ARP within the AP to handle processing ARP requests, thus saving battery.

Known and Addressed Issues

The following tables list known and addressed issues in HiveOS 8.2r1.

Known Issues in HiveOS 8.2r1a

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 8.2r1a

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.