HiveOS 8.1r2a Release Notes

Release date: October 17, 2017

Release versions: HiveOS 8.1r2a

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

Management platforms supported: HiveManager 8.1r2 and later, and HiveManager NG 11.26.2 and later

Changes in Behavior and Appearance

This release adds the following changes in behavior and appearance:

- HiveOS 8.1r2a mitigates the WPA2 key reinstallation attack commonly known as KRACK. For more information regarding this vulnerability, see https://www.krackattacks.com/. You can also find the Aerohive response to KRACK at http://docs.aerohive.com/krack.

Known and Addressed Issues

The following tables list known and addressed issues in HiveOS 8.1r2a.

Known Issues in HiveOS 8.1r2a

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-11248	For the AP150W, the rate limiting settings for Eth2 and Eth3 do not appear after running a `show running config` command.
HOS-11138	Enabling Bonjour Gateway on an AP150W or AP122 can cause those devices to report excessively high CPU loads. **Workaround**: Disable Bonjour Gateway, or relocate Bonjour Gateways to a higher-powered access point such as an AP550.
HOS-11087	On 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 8.1r2a

HOS-12153	Corrected an issues with the WPA2 standard that allowed for PTKs, GTKs, and IGTKs to be replaced during the four-way handshake.

Addressed Issues in HiveOS 8.1r2

CFD-2651	The AP230 experienced high CPU usage in high multicast traffic environments, which resulted in reduced client connectivity and capacity.
CFD-2547	Some Wi-Fi phones were experiencing issues with high latency and loss of connectivity.
HOS-11927	AP122 access points functioned unstably or rebooted when the country code was set to New Zealand (country code 554).
HOS-11715	Transmit power levels for the UNII-1 band were inaccurate.
HOS-11537	Under heavy roaming conditions, AP122 and AP150W access points sometimes performed erratically, preventing client associations.
HOS-11448	Supported channels of some country codes were incorrect.

Addressed Issues in HiveOS 8.1r1

CFD-2642	When CAPWAP proxy was enabled on an AP250, a complete update failed.
CFD-2621	EAP failure caused unsuccessful client association attempts to an SSID.
CFD-2606	Coverage area for the WiFi0 interface was too great even though the TX power was set to 1 (AP250 only).
CFD-2527	Connection time limits for user profiles with IDM-based PPSKs were not being enforced.
CFD-2396	HiveOS created QoS entries for stations that were not associated with an APs radios, which caused 100% CPU usage in larger deployments.

2017 ©Aerohive Networks, Inc.
Aerohive is a U.S. registered trademark of Aerohive Networks, Inc.