HiveOS 7.0r1 Release Notes

Release Date: March 31, 2016

Release Versions: HiveOS 7.0r1

Platforms supported: AP250

HiveManager platforms supported: HiveManager NG, HiveManager Online, HiveManager Appliance

These are the release notes for HiveOS 7.0r1 software. Known issues are described in "Known Issues" on page 1 and "Addressed Issues" on page 2.

((i)) *Although HiveOS 3.4r4 was the last release for the HiveAP20 series, the current HiveManager can continue to manage all Aerohive platforms. However, you must push full configuration updates to these devices because some commands have been removed, which would cause delta configuration updates to fail. HiveManager can support full and delta configuration updates to APs, BRs, and SR series devices running HiveOS 6.0, and later.*

New Features and Enhancements

The following changes to behavior and appearance have been introduced in the 7.0r1 release:

HiveOS 7.0r1 represents the integration of previous HiveOS versions supporting different features and hardware platforms. HiveOS 7.0r1 now supports all Aerohive device platforms, is a unified expression of support for all relevant features, and is the most stable HiveOS release yet.

802.11ac Wave 2: HiveOS 7.0r1 supports Wave 2 features, such as MU-MIMO and 80-MHz channel widths.

Support for Dual 5 GHz Radios: Aerohive devices running HiveOS 7.0r1 can transmit and receive traffic on two 5 GHz radios. Previous versions of HiveOS supported only one 2.4 GHz and one 5 GHz radio.

Enhanced Spectrum Analysis with AIR-IQ: Aerohive devices running HiveOS 7.0r1 can now better identify and classify non-Wi-Fi interference sources.

Integrated BLE Support: HiveOS 7.0r1 supports the integrated BLE (Bluetooth Low-Energy) radio that is included in the AP250 and supports integration with iBeacon.

Known Issues

The following known issues were found in the HiveOS 7.0r1 release.

Known Issues in HiveOS 7.0r1

HOS-6711	The AP250 sometimes detects itself as a rogue AP when the wifi0 interface detected a beacon from the wifi1 radio.
HOS-6704	The AP250 sometimes classifies interference from a microwave over as *Bluetooth* or *Other*.

HOS-6308	When QoS is enabled on the AP250, the airtime function is not enabled with it.
HOS-4988	APs operating on DFS channels sometimes lose mesh connections with other APs when the radio is muted during the DFS CAC (channel availability check) when the radios are checking for the presence of radar.

Addressed Issues

There were no issues were addressed in the HiveOS 7.0r1 release.