HiveOS 10.0r7 Release Notes

Release date: August 1, 2019

Hardware platforms supported: Atom AP30, AP122, AP122X, AP130, AP150W, AP230, AP245X, AP250, AP550, AP630, AP650, AP650X, and AP1130

Management platforms supported: HiveManager Cloud 19.7.1.1 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

AP150W Uplink Enhancement: The Eth1 port on the AP150W access point now supports trunk mode and can be configured as an uplink port.

Transparent Proxy: Devices running HiveOS 10.0r7 can be configured to function as transparent proxy servers. Transparent proxy servers are servers that function as proxy servers, but do not modify the packets it forwards. This feature supports the use of iFilter and DeleGate.

802.11ax Country Code Update: The country code CLM has been updated in HiveOS 10.0r7.

Known and Addressed Issues

The following tables list known and addressed issues in HiveOS 10.0.

Known Issues in HiveOS 10.0r7

HOS-13901	AirIQ does not function properly on channels of 40 or 80 MHz widths.
HOS-12924	When a channel is configured to be 40 or 80 MHz wide, and an interference source prohibiting it from being 40 or 80 MHz wide is removed, the channel is unable to upgrade to the correct channel width.

Addressed Issues in HiveOS 10.0r7

CFD-4231	ACSP (Advanced Channel Selection Protocol) was not scanning properly on AP600 series access points when DFS was enabled.
CFD-4193	AP650 access points sometimes became unresponsive.
CFD-4085	Radios on AP250 access points that were administratively down and passing no traffic were still reporting high CRC error rates.
CFD-4014	Commands entered at the CLI were becoming less responsive over time.

| CFD-3899 | Lowering the transmit power setting of an AP250 radio below 15 dBm sometimes did not result in a lower transmit power at the antenna. |
| CFD-3592 | AP230 and AP250 radios were becoming unresponsive and dropping all Rx and Tx frames. |

Addressed Issues in HiveOS 10.0r6

| HOS-15467 | On the XR600P router, the PoE status LED did not accurately reflect the actual PoE status. |

Addressed Issues in HiveOS 10.0r5

CFD-4059	HiveManager administrators could not fetch techdata files from access points.
CFD-4043	HiveOS Access-Requests for RADIUS admin auth did not use the correct Service-Type value of 'Administrative'.
CFD-4014	A file system error caused Aerohive APs to reboot.
CFD-3964	When APs were acting as RADIUS servers to authenticate wireless clients against Active Directory, individual authentications failed over extended time periods.
HOS-15295	CVE-2019-9494: When an AP was configured to operate with WPA3-Personal SAE, information might be leaked about the password used, based on observable timing differences. CVE-2019-9496: When an AP was configured to operate with WPA3-Personal SAE, an invalid authentication sequence could cause malfunction for all connected clients.
HOS-15229	When SYN check security screening was enabled for TCP, MAC and IP sessions could be aged out too quickly on an AP150W.

Addressed Issues in HiveOS 10.0r4a

| CFD-4009 | AP650 access points were providing the incorrect power levels to connected devices. |
| CFD-3998 | AP650 access points were not rebooting properly. |

Addressed Issues in HiveOS 10.0r4

| CFD-3974 | Beacons and probe responses advertised incorrect supported rates. |

Addressed Issues in HiveOS 10.0r3

CFD-3710	iBeacon did not return information to HiveManager or HiveOS.
HOS-14253	Transmit beamforming does not function as expected when background scanning is enabled.
HOS-14074	When an AP650 was manually configured to transmit at 5 dBm or less, the actual beacon transmit power was 16 dBm.
HOS-14073	When MU-MIMO was enabled on an AP630, some clients experienced latency and delayed packet delivery.
HOS-13084	When the HiveOS devices were configured to transmit management frames at a high data rate, devices instead transmitted them at a lower data rate.

Addressed Issues in HiveOS 10.0r2

CFD-3709	AP630 access points running HiveOS 10.r1 sometimes rebooted spontaneously.
CFD-3701 HOS-14274	Some clients were unable to reconnect to AP650 access points after disconnection.

Addressed Issues in HiveOS 10.0r1

There are no addressed issues in this release.