

HiveOS 10.0r6 Release Notes

Release date: July 9, 2019

Hardware platforms supported: Atom AP30, AP122, AP122X, AP130, AP150W, AP230, AP245X, AP250, AP550, AP630, AP650, AP650X, AP1130, and XR600P

Management platforms supported: HiveManager Cloud 19.6.1.1 and later

New Features and Enhancements

This release introduces the following new features and enhancements::

HiveOS 9.0 Feature Integration: HiveOS 10.0r6 now includes features that have been integrated from HiveOS version 9.0, along with support for the XR600P router.

Mesh Topology Discovery Enhancements: In the release, HiveOS supports additional instrumentation that allows HiveManager to build more accurate representations of mesh relationships.

Unicode Support for SSID Names: This release of HiveOS supports the use of Unicode characters for SSID names. This enhancement allows for the use of Chinese, Japanese, and Korean characters when naming and using SSIDs in a network policy.

Known and Addressed Issues

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

Known Issues in HiveOS 10.0r6

HOS-14251	Client devices are unable to reconnect to APs after a Zero-wait DFS deauthentication. This only affects the AP630, AP650, and AP650X. Workaround: Disable Zero-wait DFS.
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 10.0r6

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