HiveOS 6.6r2a Release Notes

Release Date: February 9, 2016

Release Versions: HiveOS 6.6r2a

Platforms supported: AP130, AP230, AP330, AP350, AP1130, SR2024, SR2024P, VPN Gateway Appliance, VPN Gateway Virtual Appliance

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

These are the release notes for HiveOS 6.6r2a software. Known issues are described in "Known Issues" on page 1 and "Addressed Issues" on page 2.

New Features and Enhancements

The following changes to behavior and appearance have been introduced in the 6.6r2a releases:

More Descriptive KDDR Filename: When a KDDR log is generated, the file is compressed, and then saved as a .tgz file. Beginning in HiveOS 6.6r2a the file name contains the hardware model and the HiveOS version in addition to the hardware MAC address and the date and time the log was created. The format of the file name is now <MAC address>_<model>_<HiveOS version>__<date>_<time>.tgz

```
f09ce92a58b0_ap230_6.5r3__2016-02-9_10-56-16.tgz
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Known Issues

The following known issues were found in the HiveOS 6.6r2a release.

Known Issues in HiveOS 6.6r2a

HOS-2570	There is an issue with creating PPSKs (Private Pre-shared Keys) when you enable an AP as an ID Manager authentication proxy and then apply an SSID that includes 802.11r.
	WA: Disable 802.11r on all APs configured as an ID Manager authentication proxies.

Addressed Issues

The following issues were addressed in the HiveOS 6.6r2a release.

Addressed Issues in HiveOS 6.6r2a

CFD-1477	A Spectralink 8440 VoIP phone that initially associated with an AP230 lost the ability to receive audio after roaming to another AP.
CFD-1433	Client devices attempting TTLS authentication to an AP330 running HiveOS 6.4r1g or 6.6r1b were unable to complete the authentication process successfully.
CFD-1409	Some wireless VoIP phones experience connection problems when roaming between AP230 access points running different HiveOS versions among them.
HOS-5613	The MTU (maximum transmission unit) value, a value that defines the maximum packet or frame size that a device transmits, was set at 1500 and could not be configured to another value.
HOS-5200	Aerohive devices demonstrated small, but constant packet loss in active VoIP sessions when there was simultaneous lower-priority traffic, for example, background file transfers and streaming video.

Addressed Issues in HiveOS 6.6r2

CFD-1272	DHCP services using NAT did not function properly on Aerohive devices after being upgraded to HiveOS 6.6r1.
HOS-2747	Some third party Beacons (such as those from RADIUS Networks) were not detected by the HiveManager iBeacon Monitor when using their vendor-supplied firmware.

Addressed Issues in HiveOS 6.6r1

CFD-1146	The BR200-LTE-VZ router improperly reported a loss of CAPWAP connectivity to HiveManager while Aerohive devices behind the router remained connected.
CFD-1111	The default user profile attribute was overridden by the HivePass captive web portal.
CFD-1079	When a user was a member of a large number of Active Directory groups, the RADIUS Access-Challenge packets, which contain user group information, exceeded an established size limit and were dropped.
CFD-1078	On networks that required a web proxy server, administrators were unable to update device HiveOS software using the automatic update process in HiveManager. Instead, administrators were required to download HiveOS images manually to update devices.
CFD-1052	Adding a new network to a BR200-WP caused the WAN interface to go down. This issue has been addressed.
CFD-1001	Changes made to the transmit power settings of an AP230 in HiveManager did not persist after a reboot.
CFD-977	In installations in which there were multiple locations, but only one AP per location, APs were not properly electing a designated AP. This issue has been addressed.
CFD-949	Wired 802.1X clients that were directly connected to Aerohive switches were not authenticating after the extended system up time expired.

CFD-900	AP230s sometimes transmitted probe responses at data rates that were disabled in the configuration.
CFD-899	ACSP (Aerohive Channel Selection Protocol) was not reporting non-Aerohive access points in the ACSP neighbor list.
CFD-896	Configuring an Aerohive device acting as a DHCP server to use ARP (Address Resolution Protocol) to detect IP address conflicts caused the device to no longer respond to DHCP discovery packets.
CFD-859	AP330s were transmitting multicast traffic at data rates that were lower than the configured basic data rates.
CFD-848	Clients connecting to an AP230 were sometimes unable to obtain a DHCP address.
CFD-829	An issue with the accuracy of the usage statistics displayed by the *Usage by Location* and *Usage by SSIDs* widgets on the *Dashboard* was corrected.
CFD-796	There was a mismatch when APs reported disconnected clients in SNMP and connected clients in the CLI (command line interface). This issue has been addressed.
CFD-742	Under certain conditions, AP330s sometimes reported incorrectly that interference was higher than it actually was.
CFD-715	Certain legacy 2.4 GHz wireless clients in protection mode experienced high packet loss due to a hidden node issue. This issue has been addressed.