



HiveOS 6.8r1 Release Notes

Release Date: June 21, 2016

Release Versions: HiveOS 6.8r1

Platforms supported: AP130, AP230, AP1130

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

These are the release notes for HiveOS 6.8r1 software. Known issues are described in ["Known Issues"](#) on page 2 and ["Addressed Issues"](#) on page 3.

New Features and Enhancements

The following changes to behavior and appearance have been introduced in the 6.8r1 releases:

RADIUS Accounting for PPSK: Users can now use SSO (single sign-on) proxies and RADIUS accounting when authenticating using PPSK.

Schedule-based Radio Availability: HiveOS 6.8r1 supports the creation of a schedule that can be used to define when Wi-Fi interfaces are available in cases where inactive Wi-Fi interfaces must be shut down, such as in certain schools.

MAC DoS Enhancements: In this release, administrators can review a list of MAC addresses that have previously been banned for surpassing the MAC DoS threshold. Administrators can also view the lifetime of each ban and unban MAC addresses that are determined to be legitimate.

Multi-client Improvements: HiveOS 6.8r1 includes several performance improvements that optimize how HiveOS devices handle traffic.

Known Issues

The following known issues were found in the HiveOS 6.8r1 release.

Known Issues in HiveOS 6.8r1

CFD-1420	AP230 access points running HiveOS 6.8r1 report that some RADIUS servers are rejecting Access-Request messages.
HOS-7220	Some older browser are unable to display the NetConfig UI because they do not support the newer SHA-2 hash algorithm, which Aerohive devices now require.
HOS-6943	AP200 series access points continuously reboot when the maximum LLDP power value is configured to be greater than 150. Workaround: Use the AC adapter instead of PoE, log in to the device using the console or an SSH session, and then change the maximum LLDP power to a value less than or equal to 150.
HOS-6495	When using Microsoft Internet Explorer version 8 or later to authenticate by HTTPS through a captive web portal, some authentication information is not received properly, resulting in unsuccessful authentication. Workaround: Use a different browser or add the Aerohive certificate to the Windows trusted certificate list.
HOS-2570	Private Pre-Shared Keys cannot be created when the SSID includes 802.11r and the AP is configured as an ID Manager authentication proxy. Workaround: Disable 802.11r on all APs configured as an ID Manager authentication proxies.

Addressed Issues

The following issues were addressed in the HiveOS 6.8r1 release.

Addressed Issues in HiveOS 6.8r1

CFD-1700	When configured to use a captive web portal, AP230 access points were transmitting the incorrect domain user names, which resulted in the user being unable to authenticate to the network.
CFD-1664	Devices running HiveOS 6.5r3 or later sometimes parsed HTTP POST headers incorrectly, resulting in unsuccessful HTTP authentication.
CFD-1576 CFD-1409	After several successful roams between AP230 access points running HiveOS 6.4r1, some wireless phones were unable to maintain a network connection or to make calls.
CFD-1477	Spectralink 8440 VoIP phones were able to send, but were unable to receive audio after roaming between AP230 access points running HiveOS 6.6r1.
CFD-1434	Devices running HiveOS 6.6r1 and configured to use the RADIUS Acct-Delay-Time attribute were sometimes unable to authenticate properly because the attribute was calculated incorrectly on the Aerohive device, resulting in a mismatch in the apparent time stamps of packets whose synchrony is required.
CFD-1383	DHCP Option 43 could not be configured on devices running HiveOS 6.6r1.
CFD-1354	Devices running HiveOS 6.6r1 were not able to block the Snapchat application due to an incomplete AVC signature.
HOS-6567	HiveOS devices were not allowing configurations with a device-location value greater than 32 characters long to be uploaded.
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-5289	Devices running previous versions of HiveOS could not use the following RADIUS attribute IDs for user profile mapping: 1 (user name), 64 (tunnel type), 65 (tunnel medium type), 81 (tunnel private group ID), and 83 (tunnel preference).
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.

2016 ©Aerohive Networks, Inc.
Aerohive is a U.S. registered trademark of Aerohive Networks, Inc.

