HiveOS 6.5r3a Release Notes

Release Date: February 9, 2016

Release Versions: HiveOS 6.5r3a

Platforms supported: AP110, AP120, AP121, AP130, AP141, AP170, AP230, AP320, AP330, AP340, AP350, AP370, AP390, BR100, BR200, BR200-WP, BR200-LTE-VZ, SR2024, SR2024P, SR2124P, SR2148P, VPN Gateway Appliance, VPN Gateway Virtual Appliance

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

These are the release notes for HiveOS 6.5r3a software. Known issues are described in "Known Issues" on page 2 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 6.5r3a release:

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
```

Extended MIB OID Support: HiveOS now supports the following MIB OID (management information base object identifiers): Client Count, Memory Utilization, and CPU Utilization

Changes in Behavior and Appearance

The following changes to behavior and appearance have been introduced in the 6.5r3a release:

Configurable MTU Value: You can now configure the MTU (maximum transmission unit) for devices

Known Issues

The following known issues were found in the HiveOS 6.5r3a release.

Known Issues in HiveOS 6.5r3a

CFD-1581	When RADIUS failover occurs, the disassociation time of the AP is sometimes exceeded by the time required for the RADIUS failover process. As a result, client devices associated to the affected AP lose connectivity.
CFD-1550	When using VPN tunnels some BR200-WP routers might lose connectivity for several minutes. When this occurs, the router reinitiates Phase I to rebuild the tunnel, but cannot obtain the certificate.
CFD-1539	In high traffic conditions, AP121 access points can sometimes reboot spontaneously.

Addressed Issues

The following issues were addressed in the HiveOS and HiveManager 6.5r3 releases.

Addressed Issues in HiveOS 6.5r3a

CFD-1374	When using VPN tunnels some BR200 routers might lose connectivity for several minutes when DPD (dead peer detection) packets are sent but no response is received. When this occurs, Phase I is reinitiated to rebuild the tunnel.
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 6.5r3

CFD-1331 CFD-1245	The VPN daemon running on the HiveOS Virtual Appliance spontaneously restarted, causing all active VPN tunnels to reset unexpectedly.
CFD-1289	The AP230 was reporting the incorrect transmit and receive airtime counts.
CFD-1111	When authenticating through a HivePass captive web portal, the user profile was assigned an incorrect user profile attribute value.
CFD-1097	The byte order of IP address was reversed as reported by SNMP v2C traps on the AP230, which resulted in the apparent failure of applications due to firewalls dropping packets with bad reverse IP addresses.
CFD-897	NetConfig UI reported a validation error when a password was configured to end in the letter z.
HOS-2635	On Aerohive SR-series switches, performing an SNMP walk (snmpwalk) would result in an error.
HOS-1680	The Troubleshooting tool within HiveManager NG was incorrectly reporting that clients configured an incorrect static IP address or gateway when the clients were properly configured and functioning correctly on the network.

Addressed Issues in HiveOS 6.5r2

HOS-185	If the client device operating system was unknown to the Aerohive device, the Aerohive device was unable to assign an IP address to the client when reassigning it to the prescribed user profile.
35787	Client devices did not appear properly on floor plans within HiveManager with location services enabled.

Addressed Issues in HiveOS 6.5r1a

HOS-185	If the client device operating system was unknown to the Aerohive device, the Aerohive device was unable to assign an IP address to the client when reassigning it to the prescribed user profile.
35787	Client devices did not appear properly on floor plans within HiveManager with location services enabled.

Addressed Issues in HiveManager 6.5r1

CFD-295	The location-based report displayed information for all locations regardless of the filter settings.
CFD-892	Incorrect information was appearing in the csv file for the Client Report.
CFD-924	Planner Map reports were not generating correctly.