

## HiveManager 8.1r1 Release Notes

**Release date:** August 25, 2017

**Release versions:** HiveManager 8.1r1

**Hardware platforms supported:** AP110/120, AP122, AP121/141, AP130, AP150W, AP170, AP230, AP245X, AP250, AP320/AP340, AP330/AP350, AP370/AP390, AP550, AP1130, BR100, BR200, BR200-WP, BR200-LTE-VZ, SR2024P, SR2124P, SR2048P, VPN Gateway Virtual Appliance.

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### New Features and Enhancements

This release introduces the following new features and enhancements:

- Added support for HiveOS 6.5r8 and HiveOS 8.1r1
- Added support for software-defined radios on access points running HiveOS versions 8.0r1 and later. This feature automatically switches the wifi0 radio band on dual-5 GHz APs whenever RF is significantly redundant for the current band, and on access points that do not have dual-5 GHz radios, this feature turns off superfluous 2.4 GHz radios.
- Added support for Zero-wait DFS
- The AVC (application visibility and control) signature file has been increased from 1250 to 1600 application signatures.
- APs can now establish standard GRE tunnels to concentrators.
- The AP1130 now supports sFlow.
- The maximum length for FQDNs (fully qualified domain names) is now 64 characters.

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### New Hardware

This release adds support for the AP150W, an Enterprise-grade cloud-managed wall plate access point with 802.11ac wave 2 performance, wired connectivity and IOT future-proofing.

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### Change in Behavior

With this release the previously existing syslog facilities "user, auth, security, authpriv" have been removed. After upgrading access points to HiveOS 8.1r1, any syslog command referencing the old facilities will be changed to use facility local6. There are 11 new syslog groups, and by default they all map to facility local6:

```
AH-004000#show logging group facility
Group Facility
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wifi local6
vpn local6
qos local6
aaa local6
security local6
devmgmt local6
system local6
```

```
switching local6
routing local6
application local6
misc local6
```

## Upgrading HiveManager Software

Aerohive supports upgrading to the 8.1r1 HiveManager software from HiveManager 5.1r2 releases or later. If your system is running an image earlier than 5.1r2, follow the steps in the 5.1r2 Aerohive release notes to upgrade HiveManager to 5.1r2 before upgrading your system to 8.1r1.

### Upgrade HiveManager 5.1r2 or later to 8.1r1

Use the following procedure to upgrade a HiveManager standalone or HA pair.

From	Action	To
HiveManager 5.1r2 or later	Upgrade to HiveManager 8.1r1.	HiveManager 8.1r1
HiveOS 5.1r2 or later	Use HiveManager running HiveManager 8.1r1 to manually upgrade managed devices to HiveOS 6.5r6.	HiveOS 6.5r6

#### Upgrading the HiveManager Appliance

1	Back up your database as a safety precaution. Navigate to <b>Home &gt; Administration &gt; HiveManager Operations &gt; Back Up Database</b> .
2	Save the 8.1r1 HiveManager software file to a directory on your management system or SCP server. (Log in and download the 8.1r1 HiveManager software file from the <a href="#">Aerohive Support</a> page.)
3	Log in to HiveManager running 5.1r2 or later and then upload the 8.1r1 HiveManager software file. To update HiveManager, click <b>Home &gt; HiveManager Operations &gt; Update Software</b> , select the method to upload the HiveManager software, and then click <b>OK</b> . When the upload is complete, HiveManager automatically reboots to activate its new software.
4	HiveManager periodically checks for new HiveOS firmware releases that it can download to itself for distribution to managed devices. If HiveManager is connected to the Internet, it automatically obtains HiveOS firmware image files for every type of managed device from the Aerohive update server and HiveManager makes the image files available in about 15-30 minutes, depending on how many image files it is downloading and its connection speed to the server.  To update the HiveOS firmware image files manually, log back in to HiveManager, select the device or devices of the same type for which you want to update the HiveOS firmware, click <b>Update &gt; Advanced &gt; Upload and Activate HiveOS Firmware</b> , select the appropriate HiveOS image from the list for the selected device type, and then click <b>Upload</b> . If the firmware is not available in the list of HiveOS images, click <b>Add/Remove</b> and obtain the HiveOS image you want from the update server, your local directory, or SCP server. If you are managing various Aerohive device types, repeat the upload process for all your managed devices, and then reboot them to activate their new firmware.

## Documentation

Aerohive provides a way for you to view the Help system on a mobile device. The Aerohive Help is designed to be responsive, so in cases where viewing the Help system in a browser is inconvenient or impossible, you can view the Help content on your smart phone or tablet.

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## Known Issues in HiveManager 8.1r1

There are no known issues in HiveManager 8.1r1.

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## Addressed Issues in HiveManager 8.1r1

The following issues were addressed in the current and previous HiveManager releases.

### Addressed Issues in HiveManager 8.1r1

CFD-2692	AP350 and AP330 devices could not be converted to router mode.
CFD-2686	Services could not be added to existing or new classifier maps.
CFD-2685	Report details were not displayed correctly.
CFD-2638	The Filter drop-down list did not resize to accommodate long filter names.
CFD-2637	Multi-selected items were not highlighted.
CFD-2585	Active client sort results were not displayed correctly.
CFD-2584	STP changes were not being saved.
CFD-2566	Rogue APs that were sorted by the reporting device were not displayed correctly.
CFD-2563	Email notification delivery was not reliable.
CFD-2538	Supplemental CLI commands for LEDs were not being uploaded to APs.