

# HiveOS 6.1r4a Release Notes

Release Version: HiveOS 6.1r4a

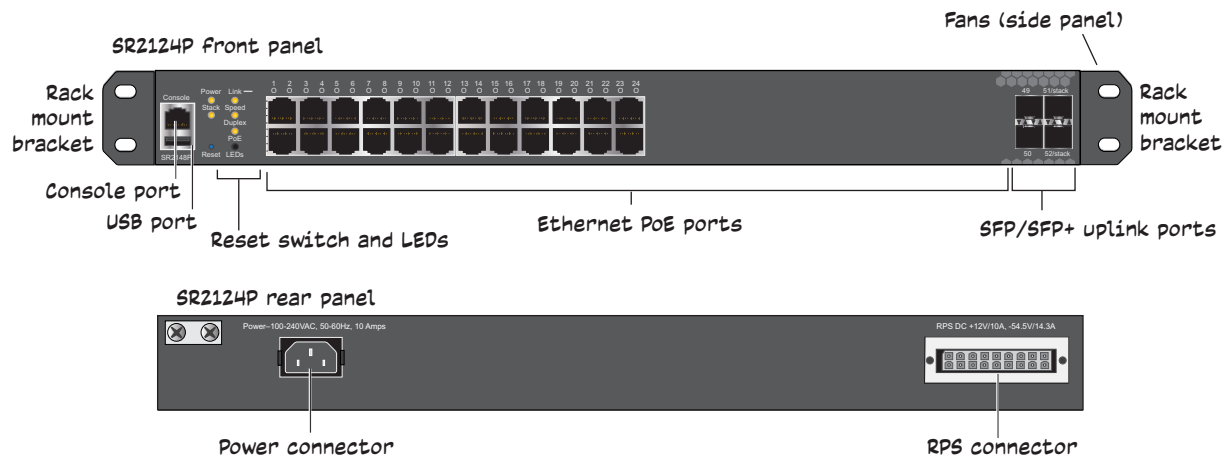
Platforms: SR2124P, SR2148P

Release Date: April 8, 2014

These are the release notes for HiveOS 6.1r4a firmware, which is supported only on Aerohive switch models SR2124P and SR2148P. Known and addressed issues are described on page 2.

## New Hardware Platform

**SR2124P:** This release introduces the SR2124P switch to the Aerohive SR2000 series switches for wired network access. The SR2124P features PoE support on all 24 ports with a 408 W power budget plus four 1/10 Gigabit SFP/SFP+ uplink ports.



Install the SR2124P switch on a clean, level desktop or surface, or in a standard equipment rack using the rack mount kit that ships with the switch.

**⚠️** The SR2124P and the SR2148P switches do not support routing.

## New 6.1r4a Hardware Enhancements

**Hot-swappable SFP modules:** This release introduces the ability to install, remove, or replace SFP modules without powering down the switch.

## Documentation

The Help for HiveOS CLI commands is available. To use the CLI Help, enter “`keyword-SPACE-?`” for example: `gos ?` In addition, there are online CLI reference guides that provide the syntax and explanations for every command in the CLI. They also include information on accessing the CLI through console, Telnet, and SSH connections, tips on using the CLI, and some keyboard shortcuts.

## Known Issues

The following are known issues at the time of the HiveManager 6.1r4a release.

### Known Issues in HiveOS 6.1r4a

31844	In some cases, link flapping on a Cisco switch can occur when connecting to an SR2124P or SR2148P switch.  Workaround: Disable link flapping on the Cisco switch by entering the <code>err-disabled</code> command for the port that is experiencing flapping.
32020	When the SR2124P or the SR2148P is connected to a 10G port on a Dell switch and the Dell port goes down, the corresponding 10G port on the SR2124P or the SR2148P reports a "down event" continuously in the error log.
30641	When connecting an SR2124P or SR2148P switch to certain models of Dell switches, the link state for the 1 Gbps fiber ports on the SR2124P or SR2148P switches remain up, as some Dell software versions will not turn off the laser when the port is shut down.

## Addressed Issues

The following issues were addressed in the HiveOS 6.1r4a release.

32252	SR2148P and SR2124P switches cached the MAC address of an authenticated client using 802.1X or MAC-based authentication for one minute after its Ethernet cable was disconnected. As a result, if the Ethernet cable was disconnected and then reconnected, the client would have to wait for a full minute before being able to authenticate and regain network access.
30671 and 31262	A error occurred when connecting an SR2124P or SR2148P switch to Dell 5548 and Dell PCT6248 models. The link state for the 1/10 Gbps fiber ports on the SR2124P or SR2148P switches remained up, as some Dell software versions did not turn off the laser when the port was shut down. This issue has been addressed.

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