

HiveOS 9.0r4 Release Notes

Release date: December 21, 2018

Hardware platforms supported: XR600P

Management platforms supported: HiveManager 18.12.2.2 and later

New Features and Enhancements

This release introduces the following new features and enhancements:

Customizable Quality Metrics: This release provides a mechanism for customizing how traffic quality is determined. Customizing traffic in this way allows the administrator to configure custom routing decisions, which can result in more effective routing.

Routing Policy Wildcards: You can now configure routing policies that contain wildcard characters, such as an asterisk (*), which indicates that any character matches the pattern.

Flexible VPN and Non-VPN Failover: This version of HiveOS includes flexible interface-level failover support for both VPN links and non-VPN links. When a VPN encounters a problem at one interface, the router can rebuild the tunnel on another interface.

HTTP URL Filtering: Devices running HiveOS 9.0r4 can now filter HTTP traffic based on URL categorization, as well as support URL whitelisting and blacklisting. In addition, HiveOS reports filtering statistics to HiveManager.

Known and Addressed Issues

The following tables list known and addressed issues in HiveOS 9.0.

Known Issues in HiveOS 9.0r4

SDW-2885	In high-capacity circumstances, the XR600P is sometimes unable to establish Layer 3 VPN tunnels with clients.
SDW-2684	In rare cases when two client devices have identical MAC addresses, the XR600P router sometimes does not forward packets properly.
SDW-1997	When the Eth0 port of the XR600P router is connected to another device port that is configured to operate at 10 Mbps, significant duplicate traffic is generated. Workaround: Connect the Eth0 port to a port that is not configured to operate at 10 Mbps.

Addressed Issues in HiveOS 9.0r4

CFD-3760	WAN interface failover using routing-tunnel-groups on XR600P routers sometimes did not occur as expected.
CFD-3617	When the XR600P router is configured to enable NAT through VPN tunnels, and the configuration is uploaded using a delta upload, the XR600P was not forwarding NAT traffic.

Addressed Issues in HiveOS 9.0r3

There are no address issues in this release.

Addressed Issues in HiveOS 9.0r2

SDW-2702	When reconfiguring QoS rate limits on XR200P and XR600P routers, the routers only allowed reconfigurations to a lower limit than the current limit.
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Addressed Issues in HiveOS 9.0r1

This is the inaugural release of HiveOS version 9.0.