Extreme 9920 Software Release Notes

21.1.2.5

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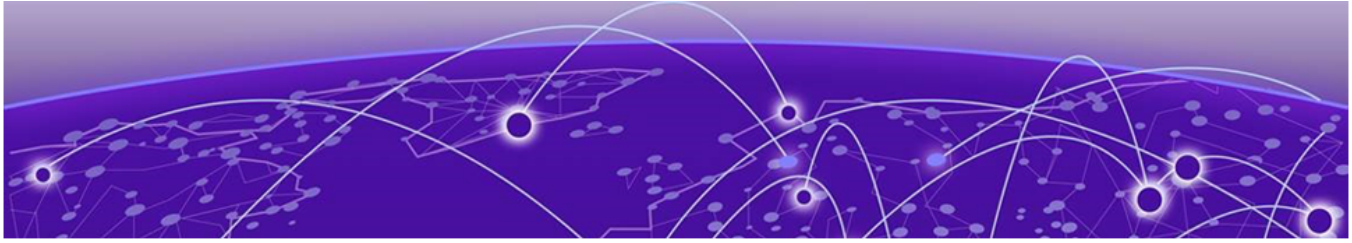

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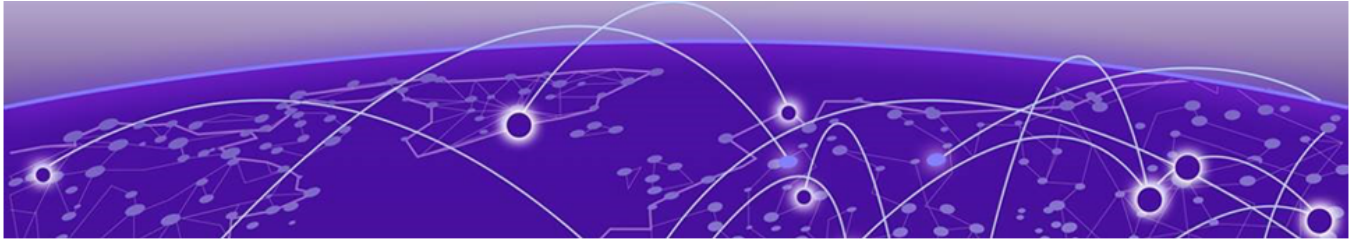

Release Notes

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The NPB software runs the NPB operating system and provides network packet broker functions.

New in this Release

Version 21.1.2.5 of the Extreme 9920 software with the NPB application offers the following enhancements.

Table 1: Features and Enhancements

Enhancement	Description
Line Card Detection Optimization	Line card removal or insertion detection time has reduced from 30 secs to 3-4 secs. When a Line card is removed, it moves to the “Faulty” state and takes around 3-4 seconds to go to the “Empty” state. Insertion of a Line card also takes 3 seconds to change the state from "Present" to “Initializing” state. **Note:** As a best practice wait until LC goes to the "Empty" state before insertion.

Defects Closed With Code Changes

The following defect was closed with code changes in this release of the software.

Parent Defect ID:	NPB-5988	Issue ID:	NPB-5988
Severity:	S2 - Major		
Product:	NPB	Reported in Release:	NPB 21.1.2.4

Parent Defect ID:	NPB-5988	Issue ID:	NPB-5988
Symptom:	SNMP GET request does not return response and the request times out.		
Condition:	This issue was observed for an SNMP GET request with multiple Object Identifiers (OIDs) to 9920.		

Parent Defect ID:	NPB-5992	Issue ID:	NPB-5992
Severity:	S3 - Moderate		
Product:	NPB	Reported in Release:	NPB 21.1.2.4
Symptom:	Line card moves to the faulty state if one of the QSFP 3/11 heats up, and BMC turns the power off to that LC. The line card needs to be manually powered on using the `system slotoff/sloton` commands. The hotswap of LC also works.		
Condition:	This issue was observed when the QSFP temperature in one of the slots went beyond the critical temperature.		

Parent Defect ID:	NPB-5993	Issue ID:	NPB-5993
Severity:	S3 - Moderate		
Product:	NPB	Reported in Release:	NPB 21.1.2.4
Symptom:	Host name of 9920 does not appear in the XCO GUI		
Condition:	After reboot of 9920, configured hostname does not appear in the XCO GUI.		

Defects Closed Without Code Changes

No defects were closed without code changes in this release of the software.

Open Defects

The following defects are open in this release of the software.

Parent Defect ID:	NPB-5182	Issue ID:	NPB-5182
Severity:	S2 - Major		
Product:	NPB	Reported in Release:	NPB 21.1.1.0
Symptom:	Entity MIB item `entPhysicalVendorType` does not return any Vendor type OIDs, instead it returns {0 0} when SNMP walk is performed.		
Condition:	This issue is seen during SNMP walk of `entPhysicalVendorType` in the entity MIB.		

Parent Defect ID:	NPB-5182	Issue ID:	NPB-5182
Workaround:	No workaround		
Recovery:	No recovery available		

Parent Defect ID:	NPB-5188	Issue ID:	NPB-5188
Severity:	S3 - Moderate		
Product:	NPB	Reported in Release:	NPB 21.1.1.0
Symptom:	The `Link Fault Status` field in the **`Show interface ethernet`** command output may show incorrect fault status.		
Condition:	**`no shutdown`** on the ethernet interface.		
Workaround:	No workaround		
Recovery:	No functional impact		

Parent Defect ID:	NPB-5567	Issue ID:	NPB-5567
Severity:	S2 - Major		
Product:	NPB	Reported in Release:	NPB 21.1.2.0
Symptom:	Transport tunnel is created while configuring invalid transport protocol for system logging host.		
Condition:	Configure invalid transport protocol for the **`system logging host`**.		
Workaround:	Avoid invalid configuration of transport protocol for **`system logging host`**.		
Recovery:	Configure UDP/TCP as transport and delete the transport-tunnel created using the invalid command.		

Parent Defect ID:	NPB-5724	Issue ID:	NPB-5724
Severity:	S3 - Moderate		
Product:	NPB	Reported in Release:	NPB 21.1.2.0
Symptom:	LACP port-channel remains down after replaying the configuration with LACP rate as `fast` in the member interfaces.		
Condition:	The issue is seen when the LACP configurations are replayed with the node in default-configs. Only when `lacp rate fast` is configured on member ports.		

Parent Defect ID:	NPB-5724	Issue ID:	NPB-5724
Workaround:	Reboot the system with config or change `lacp rate normal` and after the port-channel comes up again change it to `lacp rate fast` on member ports.		

Recovery:	Disable and enable LACP in the global config mode.
	`# no protocol lacp`
	`# protocol lacp`		

Parent Defect ID:	NPB-5953	Issue ID:	NPB-5953
Severity:	S4 - Minor		
Product:	NPB	Reported in Release:	NPB 21.1.2.4
Symptom:	ACL, route-map, or listener-policy configuration fails when the sequence number is greater than 4095, but the error message displays the supported range as 1-65535.		
Condition:	The NPB stratum supports only 24 bits. The valid ACL, route-map, or listenerPolicy sequence number range is 1-4095.		
Workaround:	Ignore the CLI message for the NPB.		
Recovery:	Configure the sequence number between 1-4095 for the NPB.		

Help and Support

If you require assistance, contact Extreme Networks using one of the following methods:

Extreme Portal

Search the GTAC (Global Technical Assistance Center) knowledge base; manage support cases and service contracts; download software; and obtain product licensing, training, and certifications.

The Hub

A forum for Extreme Networks customers to connect with one another, answer questions, and share ideas and feedback. This community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC.

Call GTAC

For immediate support: (800) 998 2408 (toll-free in U.S. and Canada) or 1 (408) 579 2800. For the support phone number in your country, visit www.extremenetworks.com/support/contact.

Before contacting Extreme Networks for technical support, have the following information ready:

- Your Extreme Networks service contract number, or serial numbers for all involved Extreme Networks products
- A description of the failure

- A description of any actions already taken to resolve the problem
- A description of your network environment (such as layout, cable type, other relevant environmental information)
- Network load at the time of trouble (if known)
- The device history (for example, if you have returned the device before, or if this is a recurring problem)
- Any related RMA (Return Material Authorization) numbers

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