



Release Notes

SNFv3.0.26 Software Release

January 25, 2022

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Summary

The SNFv3.0.26 release is an aggregation of individual features, bug fixes, limitations, and some known issues. We recommend that users migrate to this release at their earliest convenience.

SNFv3.0.26 (SNF version 3.0.26) software supports ARIA™ Cybersecurity Solutions Myricom® ARC Series C-class adapters or earlier (10G-PCIE2-8C2-2S and 10G-PCIE2-8B-S).

For more information regarding specific functionality, refer to the [SNFv3.0.26 User Guide](#)

Software Support Notice

- This release is compatible only with ARC Series C-class adapters or earlier (10G-PCIE2-8C2-2S and 10G-PCIE2-8B-S)
<https://www.ariacybersecurity.com/network-adapters/adapters/>
- For more information on this software release, refer to the [SNFv3.0.26 User Guide](#).
- Linux Support
 - CentOS 8.5 is recommended.
 - CentOS 7.9 is supported.
 - CentOS Stream 8 is supported.
 - For non-RPM based Linux distributions, a `.tgz` installation package is provided with support up to Linux kernel version 5.5.
- FreeBSD Support
 - FreeBSD 12.0 is supported.
 - Some testing has been performed with FreeBSD 11.0, 10.0, and 9.3.
- Windows Support
 - Window Server 2012 R2 in 64-bit mode is recommended.
 - Windows 7 and 10 are supported. For best performance Windows Server versions are recommended.

New Features and Enhancements

- (ID# 285) Added a histogram for snf_rx analysis. See README.snf_histogram for details.
- (ID# 288) Added snf_pcap_recv, which is an example application that is similar to snf_multi_recv.c but uses the libpcap interface for packet processing. This application can be used with or without Sniffer.

Bug Fixes

- (ID# 276) Added optimization from SNF v5 for prefetching more than a single packet when hashing in the kernel.
- (ID# 287) Fixed an issue where snf_multi_recv would hang when closing threads. Now snf_multi_recv allows the threads to finish gracefully.
- (ID# 298) Updated the driver so that it is compatible with the changes to the get_coalesce() and set_coalesce() parameters.

Known Issues

Please see the [SNFv3.0.26 User Guide](#) for more information.

Technical Support:

If there are any problems installing or using ARIA Cybersecurity Solutions products, or if any bugs or possible enhancements are noticed, do not hesitate to contact ARIA Technical Support.

Contact Technical Support via the ARIA Support Portal*

<https://www.ariacybersecurity.com/support>

ARIA website:

<https://www.ariacybersecurity.com/network-adapters/adapters/>

ARIA email support at ARIA_support@ariacybersecurity.com

Before you contact our technical support staff, have the following information available:

- Your name, title, company name, phone number, and email address
- Operating system and version number
- Product name and release version
- Problem description

* Follow the instructions on the ARIA Customer Portal website to register for an ARIA Customer Support account