Forcepoint

Appliances

8.5.7

Release Notes

Contents

Introduction

Use these Release Notes to learn about what is new and improved for Forcepoint™ V Series, and Virtual Appliances in version 8.5.7.

> ⚠️ **Important**
>
> X10GG2R1, X10GG2R2, V10000 G4R1, and V5000 G4R1 are not supported with v8.5.7.

For information about which product versions are supported on which appliance platforms, see Forcepoint V Series Appliance Certified Product Matrix and the Forcepoint Virtual Appliance for Web and Email Certified Product Matrix.

For information about getting started with Forcepoint appliances, see Forcepoint Appliances Getting Started.

Platform support

Platform support changes are listed below,

V20000 G5	Supported for v8.5.7
V20000 G1	Supported for v8.5.7
V10000 G5	Supported for v8.5.7
V10000 G4R2	Supported for v8.5.7
V5000 G5	Supported for v8.5.7
V5000 G4R2	Supported for v8.5.7
V5000 G4R1	Dropped support for v8.5.7
VMware	Supported for v8.5.7

> **Note**
>
> Virtual Appliances v8.5.7 supports ESXi 7.x and 8.x. ESXi 6.x is no longer supported.

Direct upgrade matrix

Upgrade From	Upgrade To
v8.5.5	v8.5.7
v8.5.6	v8.5.7

BIOS and firmware versions

BIOS and firmware versions tested in v8.5.7 are,

	V20KG5	V20KG1		V10KG5	V10KG4R2		V5KG5	V5KG4R2
BIOS	2.6.3	2.24.0		2.6.3	2.24.0		1.17.2	2.19.0
iDRAC	7.20.30.50	7.00.00.181		7.20.30.50	7.00.00.181		7.20.30.50	7.00.00.181
RAID	52.30.0-6115	PERC H750/H740	PERC H730	52.30.0-6115	PERC H750/H740	PERC H730	52.26.0-5179	25.5.9.0001
		51.16.0-5150	25.5.9.0001		52.30.0-6115	25.5.9.0001		
Network	23.0.8	24.0.5		24.0.5	24.0.5		23.22.4	23.22.4

> **Note**
>
> RAID Firmware 52.30.0-6115 is not supported and should not be used on the V5000 G5 appliance.

New for v8.5.7 Forcepoint Appliances

Operating System Upgrade

The appliance has transitioned to **Oracle Linux 8** as its foundational operating system, replacing **CentOS 7** used in previous versions. This upgrade was necessitated by the **End of Life (EOL)** status of CentOS 7.

Oracle Linux 8 was selected due to its **binary compatibility with Red Hat Enterprise Linux 8 (RHEL 8)**, ensuring continued stability, security, and enterprise-grade support. This change positions the appliance for long-term maintainability and alignment with modern Linux standards.

Python Version Upgrade

The appliance codebase has been upgraded from **Python 2** to **Python 3**. This transition was driven by several key factors:

- **Improved Performance**: Python 3 introduces significant enhancements in speed and memory efficiency.
- **Enhanced Security & Stability**: Modern libraries and frameworks are optimized for Python 3, offering better protection and reliability.
- **Active Support**: Python 3 is actively maintained and widely adopted across the industry, ensuring long-term viability.

This upgrade ensures that the appliance remains secure, performant, and compatible with modern Python tooling and best practices.

Enhanced security with TLS 1.3 support

TLS 1.3 support is now fully integrated into the codebase, enhancing secure communications across the product. The product exclusively uses strong cipher suites, aligning with industry cryptographic best practices to improve security posture. This update helps to protect against vulnerabilities found in older ciphers while ensuring compatibility with modern security standards.

Latest Enhancements to NTP

As part of the operating system upgrade, the Network Time Protocol (NTP) service has been transitioned to Chrony. Chrony offers improved accuracy and performance, especially in virtualized environments and systems with intermittent network connectivity.

Resolved issues for Forcepoint Appliances v8.5.7

Click here to view the resolved issues list for v8.5.7 Forcepoint Appliances in the Forcepoint Knowledge Base.

You must log on to the Customer Hub to view the list.