



AppViewX Security Advisory 2022.1.0 FP3

Version: 2022.1.0 FP3

Copyright AppViewX, Inc.

Copyright © 2023 AppViewX, Inc. All Rights Reserved.

This document may not be copied, disclosed, transferred, or modified without the prior written consent of AppViewX, Inc. While all content is believed to be correct at the time of publication, it is provided as general-purpose information. The content is subject to change without notice and is provided “as is” and with no expressed or implied warranties whatsoever, including, but not limited to, a warranty for accuracy made by AppViewX. The software described in this document is provided under written license only, contains valuable trade secrets and proprietary information, and is protected by the copyright laws of the United States and other countries. Unauthorized use of software or its documentation can result in civil damages and criminal prosecution.

Trademarks

The trademarks, logos, and service marks displayed in this manual are the property of AppViewX or other third parties. Users are not permitted to use these marks without the prior written consent of AppViewX or such third party which may own the mark.

External Reference Links

This product includes software developed by the CentOS Project (www.centos.org).

This product includes software developed by Red Hat, Inc. (www.redhat.com).

This product includes software developed by VMware, Inc. (www.vmware.com).

All other trademarks mentioned in this document are the property of their respective owners.

Contact Information

AppViewX, Inc.

222 Broadway, FL 19

New York, NY 10038

Email: info@appviewx.com

Web: www.appviewx.com

Contents

| | |
|---|----------|
| Preface..... | 4 |
| Revision History..... | 4 |
| About this Guide | 4 |
| Audience..... | 4 |
| Text Conventions..... | 4 |
| Chapter 1. AppViewX Security Advisory..... | 5 |
| Advisory..... | 5 |
| Risk Matrix..... | 5 |
| Vulnerabilities Addressed and Controls Implemented..... | 5 |
| Components Upgraded..... | 5 |
| Chapter 2. More Information..... | 7 |
| Documentation Feedback..... | 7 |
| Requesting Technical Support..... | 7 |
| Self-Help Online Tools and Resources..... | 7 |

Preface

Revision History

| Revision | Description | Date |
|----------|---|-------------|
| v1.0 | Release 2022.1.0 FP3 AppViewX Security Advisory | March, 2023 |

About this Guide

The document contains the AppViewX security advisory and enhancements.

Audience

The document is intended for the internal users and the customers of AppViewX.

Text Conventions

The following text conventions are used in this document:

| Convention | Description |
|------------------------|--|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| <i>italic</i> | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values. |
| <code>codeblock</code> | Indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

Chapter 1: AppViewX Security Advisory

Advisory

AppViewX has identified few high and medium level vulnerabilities, which are addressed holistically across the product. A high level overview of these fixes are provided in this document. If a summary of the internal pentest document is required, please reach out to security@appviewx.com or help@appviewx.com

Risk Matrix

CVSS 3.0 Base Score 5.0 - 7.5

| Product Version | Patch availability |
|-----------------------|--------------------|
| AppViewX 2022.1.0 FP3 | Available |

Vulnerabilities Addressed and Controls Implemented

| Scope | Controls Implemented | Vulnerabilities addressed |
|-------|---|--|
| API | Invalid Input Validation / Sanitizing the user inputs | Dynamic Code Evaluation Formula Injection |

Components Upgraded

AppViewX periodically reviews the third party components used as part of the product for vulnerabilities, End Of Life and upgrades the tools as part of every major release. The components that are upgraded as part of the FP3 release are as follows:

| Component Name | Upgraded Version |
|----------------|------------------|
| Kubernetes | 1.24 |
| Istio operator | 1.16.2 |
| Strimzi | 0.31.0 |
| Zookeeper | 0.32.0 |
| Kafka | 3.3.1 |
| Loki | 2.7.4 |

| Component Name | Upgraded Version |
|----------------------|------------------|
| Redis | 7.0.6 |
| Kube-metrics-adapter | 0.1.19 |
| Grafana | 9.3.0 |
| Node Exporter | 1.4.0 |

Chapter 2: More Information

For the latest, most complete information about known and fixed issues with the AppViewX modules, see the latest revision of the release notes.

To access Software Release Notifications for AppViewX Releases, visit our Help center at <https://help.appviewx.com/home>. You need to log in to your AppViewX account. From the Help center, search by the specific release number or navigate to Release Portal and choose the release, for example, v20.3.0.

Documentation Feedback

We request you to provide feedback, comments, and suggestions so that we can improve the documentation. You can send your comments to tech-documentation@appviewx.com

If you are preferred to send feedback through e-mail, be sure to include the following information with your comments:

- Document or topic name
- URL or page number
- Software release version (if applicable).

Requesting Technical Support

Technical product support is available through AppViewX help support center, request to send an email to help@appviewx.com

Self-Help Online Tools and Resources

For quick and easy problem resolution, AppViewX is designed an online self-service portal called the help support center that provides you with the following features:

- Find help support center: <https://help.appviewx.com/home>
- Find product technical documentation: <https://helpcenter.appviewx.com/techdoc>
- Find solutions and answer questions using our Knowledge Base: <https://internalkb.appviewx.com/knowledge-base>
- Download the latest versions of software: <https://release.appviewx.com>