



# FortiPresence VM - Release Notes

Version 1.1.1

**FORTINET DOCUMENT LIBRARY**

<https://docs.fortinet.com>

**FORTINET VIDEO GUIDE**

<https://video.fortinet.com>

**FORTINET BLOG**

<https://blog.fortinet.com>

**CUSTOMER SERVICE & SUPPORT**

<https://support.fortinet.com>

**FORTINET TRAINING & CERTIFICATION PROGRAM**

<https://www.fortinet.com/support-and-training/training.html>

**NSE INSTITUTE**

<https://training.fortinet.com>

**FORTIGUARD CENTER**

<https://fortiguard.com/>

**END USER LICENSE AGREEMENT**

<https://www.fortinet.com/doc/legal/EULA.pdf>

**FEEDBACK**

Email: [techdoc@fortinet.com](mailto:techdoc@fortinet.com)

December 22, 2021

FortiPresence VM 1.1.1 Release Notes

# TABLE OF CONTENTS

<b>Change log</b>	<b>4</b>
<b>About FortiPresence VM 1.1.1</b>	<b>5</b>
<b>Introduction</b>	<b>6</b>
<b>Product Integration and Support</b>	<b>7</b>
<b>Additional Notes</b>	<b>8</b>
<b>Common Vulnerabilities and Exposures</b>	<b>9</b>

## Change log

Date	Change description
2021-12-22	FortiPresence VM 1.1.1 document release version.

## About FortiPresence VM 1.1.1

FortiPresence VM release 1.1.1 delivers resolved common vulnerabilities; see section [Common Vulnerabilities and Exposures on page 9](#).

**Note:** Ensure to upgrade to the current version of FortiPresence VM 1.1.1 from version 1.1.0 only. See the [FortiPresence VM Admin Guide](#) for the upgrade procedure.

# Introduction

FortiPresence VM is a comprehensive data analytics solution designed for analyzing user traffic and deriving usage patterns. By capturing analytics of consumer traffic patterns, businesses can learn more about their customers. FortiPresence VM combines WiFi and analytics to deliver end-to-end solution by providing data needed to understand customer behaviour. It includes comprehensive dashboards for data analysis and reports.

FortiPresence VM is deployed locally on your site and consists of two virtual machines. All the analytics data collected and computed resides locally on the VMs.

The existing Fortinet access points deployed at business establishments are leveraged to detect WiFi signals from customer. In a typical business setup, visitor smartphones/devices probe for wireless access points, FortiPresence VM uses the signals emitted from these smartphones/devices to detect customer presence and record their location and movements. This information along with the social network authentication logins with Facebook, Google, LinkedIn, Instagram, or FortiPresence using your WiFi infrastructure is then processed by the VMs and presented on the customizable dashboards on the FortiPresence VM GUI.

FortiPresence VM is supported with the FortiWLC, FortiGate, and FortiLAN Cloud platforms.

## Product Integration and Support

The following table lists the latest supported/tested web browsers for FortiPresence VM.

Item	Supported version
Web browser	<ul style="list-style-type: none"><li>• Microsoft Edge version 91.0.864.64</li><li>• Mozilla Firefox version 89.0.2</li><li>• Google Chrome version 91.0.4472.124</li><li>• Apple Safari version 14.1.1 (16611.2.7.1.4)</li></ul> Other web browsers may work correctly but Fortinet does not support them.

## Additional Notes

This section describes some generic guidelines/information to using FortiPresence VM.

- Any create and delete operation can take up to a maximum of 3 minutes to be visible on the FortiPresence VM GUI.
- For setups involving multiple devices (FortiWLC/FortiGate) behind the NAT sharing the same public IP address, you are required to create a RADIUS client entry for each device type on the FortiPresence VM GUI.
- **FortiWLC:** The FortiWLC SSID must be configured in the tunnel mode; SSIDs in the bridge mode are NOT supported for Captive Portals.
- **FortiGate/FortiAPCloud:** While configuring settings on SSID, set the **Redirect URL** to Specific URL and configure *https://<FortiPresence Connect FQDN>/portal/success* as the URL. This is required for FortiPresence VM to register the device and user details. FortiPresence VM Portal Management provides options to set redirect after authentication to **Original Request URL**, **Specific URL**, or **Default Success Page**.
- **FortiGate:** The supported authentication methods for FortiPresence VM are PAP, MS-CHAP, MS-CHAP-v2.
- FortiPresence VM is General Data Protection Regulation (GDPR) compliant.
- MAC addresses are not stored in FortiPresence VM; each visitor is referred by a unique User Key.
- Personal details are not stored without the visitor's consent - While logging on to FortiPresence VM, the visitor is presented with clear information about personal details being collected from the social network logins. Personal details, such as, name, gender, age, email etc. are stored only if the visitor gives an explicit consent, else such information is not stored.



## Common Vulnerabilities and Exposures

This release of FortiPresence VM is no longer vulnerable to the following.

Vulnerability	Description
CVE 2021-44228	Log4j versions prior to 2.15.0 are subject to a remote code execution vulnerability via the LDAP JNDI parser.
CVE 2021-45046	Apache Log4j2 Thread Context Message Pattern and Context Look up Pattern vulnerable to a denial of service attack.
CVE-2021-45105	Apache Log4j2 versions 2.0-alpha1 through 2.16.0 (excluding 2.12.3) Thread Context Map data vulnerable to a denial-of-service attack.

Visit <https://www.fortiguard.com/psirt> for more information.



Copyright© 2021 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.