

A decorative pattern of concentric hexagons in a light blue color, scattered across the top dark blue header area.

FortiAI Ops - Release Notes

Version 1.0.1

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

October 12, 2021

FortiAIOps 1.0.1 Release Notes

TABLE OF CONTENTS

- Change log 4**
- Overview 5**
- What's New 6**
 - ADOM Mode 6
 - Topology enhancements 6
 - User Interface enhancements 7
 - Others 7
- Supported FortiOS 9**
- Resolved Issues 10**
- Known issues 11**

Change log

Date	Change description
2021-10-12	FortiAI Ops version 1.0.1 release version.

Overview

FortiAI Ops aims at diagnosing and troubleshooting network issues by analyzing potential problems and suggesting remedial steps based on the Artificial Intelligence (AI) and Machine Learning (ML) architecture that it is built upon. FortiAI Ops learns from your network data to report statistics on a comprehensive and simple dashboard, providing network visibility and deep insight into your network. Thus, enabling you to effectively manage your connected devices and resolve network issues swiftly with the help of AI/ML.

The FortiAI Ops Management Extension Application (MEA) container is hosted on the FortiManager integrated platform that provides centralized management of Fortinet products and other devices. For more information on FortiManager operations, see related [product documentation](#).

Notes:

- FOS version 7.0.2 is recommended with FortiSwitch version 7.0.2 to generate all events.
- In FortiGate, configure the FortiManager IP in syslog.
- The FortiAI Ops - Time to Connect DNS is not supported.
- For wired SLA, only Linux devices are considered as end clients.
- Client data for FortiAI Ops topology is fetched only from the physical topology page of FortiGate.

The following scale deployment limits are supported for FortiAI Ops.

Devices	Maximum limit
FortiGate controllers	600
Access Points	600
Stations	12000

What's New

This release of FortiAI Ops introduces the following new features.

- [ADOM Mode on page 6](#)
- [Topology enhancements on page 6](#)
- [User Interface enhancements on page 7](#)
- [Others on page 7](#)

Note: After upgrading to FortiManager 7.0.2, the FortiAI Ops 1.0 data is no longer available.

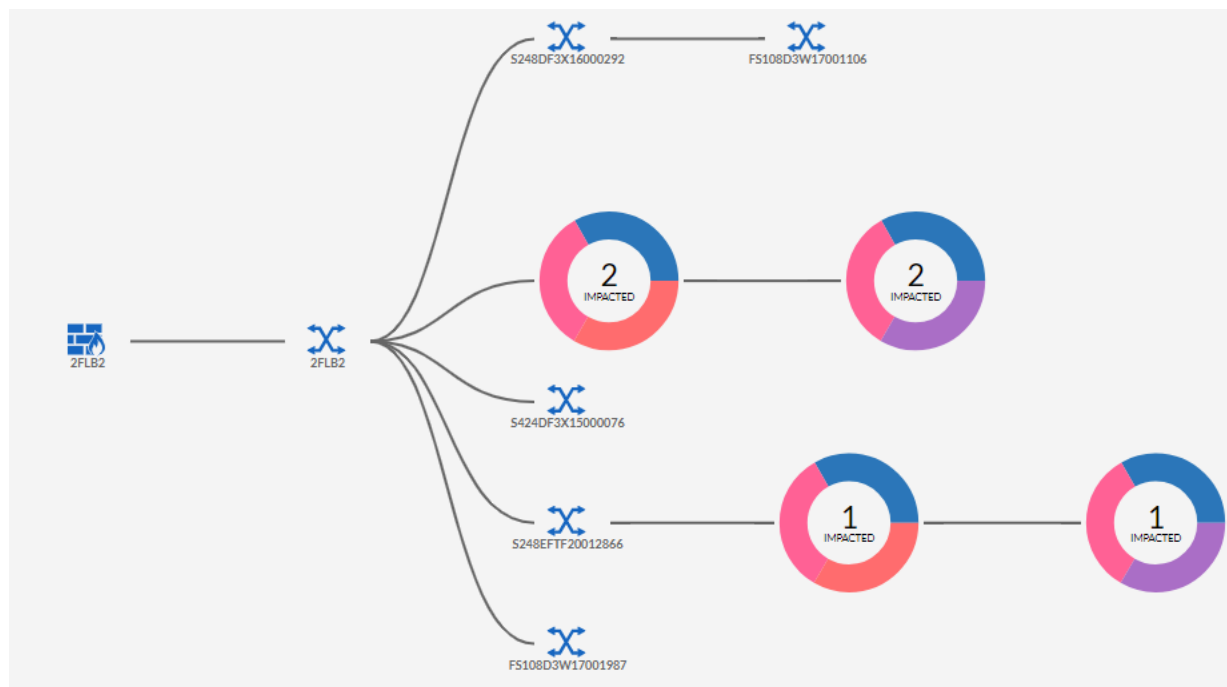
ADOM Mode

You can now use FortiAI Ops in the ADOM mode of FortiManager. In the ADOM mode, you can add FortiGate controllers managed by the particular ADOM of the FortiManager. FortiAI Ops configures and displays data for only the devices managed by the particular ADOM.



Topology enhancements

The physical topology tree navigable from the Monitor page now displays a new donut chart for sub-classifiers.



User Interface enhancements

This release introduces a new responsive design approach for the user interface to create content that adjusts smoothly to various screen sizes. The enhanced visual design provides improved aesthetics and look-and-feel improving feature accessibility and usability experience.

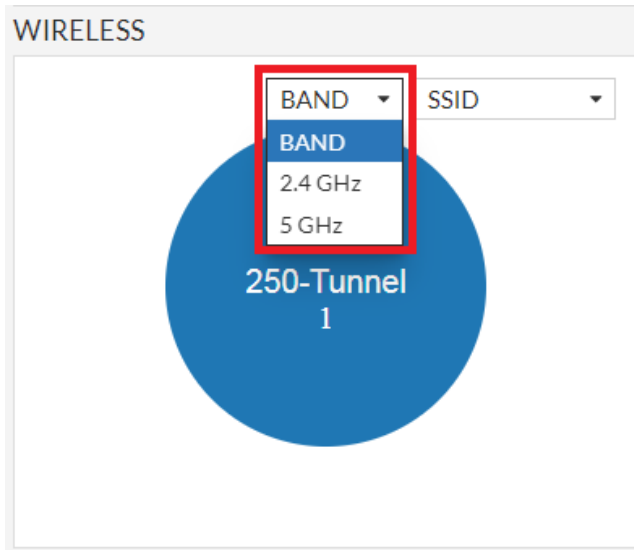
Others

The following enhancements are also delivered in this release.

- The **Available Licenses** and **Unlicensed Devices** fields are added in the **Licenses** page.

LICENSES (System ID: c24338536276042e00bac6dce7c992bf)					Available Licenses: 15	Unlicensed Devices: 0
<input type="button" value="Upload License"/> <input type="text" value="Search"/>						
Feature	File Name	Start Date	Expiry Date	Number of Licenses		
AIOPS-BASE	new_license_224.lic	30-Aug-2021	30-Aug-2022	20		

- You can now filter Wireless data based on the 2.4 GHz and 5GHz bands.



Supported FortiOS

The following versions of FortiOS are supported with this release of FortiAI Ops.

- 6.4.3
- 6.4.4
- 6.4.5
- 7.0.0
- 7.0.1
- 7.0.2

Resolved Issues

The following issues are resolved in FortiAI Ops version 1.0.1. For inquiries about a particular issue, visit the [Fortinet Support](#) website.

Issue ID	Description
719985	The Available Licenses and Unlicensed Devices count were unavailable in the GUI.
720357	Unclear differentiation of online and offline APs in the topology.
720971	The SSID displayed was not based on the RF bands associated with the client.
725233	Incorrect raw logs' display for failure events in AP logs.
726646	The FortiSwitch reboot logs (from earlier than FortiGate 7.0) were not processed by FortiAI Ops.
738690	Improper wireless/switching impacted clients' graph in the 1024x768 screen.
738699	Impacted clients were not displayed based on the ADOM scope.
739701	FortiGate controllers deleted in FortiManager were displayed in FortiAI Ops.
740309	Incorrect wireless client data was displayed for the 2.4 GHz band.
740902	Incorrect wireless client data was displayed for the 5 GHz band.
741345	Wired client failures were not displayed in the FortiSwitch SLA.
742479	The AP related events must display only online APs as impacted due to FortiGate failure.
742773	Sometimes, the impacted client count incorrectly decreased in the trend graph.
743463	FortiSwitch serial number display overlapped with the FortiSwitch icon on the topology page.
743699	Sub-classifier filters did not filter data appropriately.

Known issues

The following issues are known in FortiAI Ops version 1.0.1. For inquiries about a particular issue, visit the [Fortinet Support](#) website.

FortiAI Ops

Issue ID	Description
718461	DNS delays are not displayed in the Time to Connect SLA dashboard.
720372	DHCP failure is not displayed when the client MAC address is blocked in the SSID.
723096	MAC addresses inserted in the database are not the stations for impacted switch.
726276	Active client count mismatch observed between FortiAI Ops and FortiGate GUI.
726636	When FortiSwitch is restarted, its details are not displayed in the AP health topology for some time.
726889	Active clients are displayed from deleted FortiGate controllers.
740904	The wireless impacted client data displayed in the trend graph mismatches with the data in the SSID bubble/ SLA data.
743441	Toggling between the failure events displays incorrect data in the topology donut chart.
743700	On clicking the classifier donut only related sub-classifier donuts should be displayed.
744593	FortiSwitch health events are not displayed every 10 minutes under AP health and FortiSwitch health SLA.
747885	Association failure (maximum clients reached) events do not display the SSID and client details.

FortiGate/FortiOS

Issue ID	Description
726888	The physical topology does not match with the device count connected to FortiGate.

FortiManager

Issue ID	Description
745312	Memory leak observed in the <i>svc sys daemon</i> process.
746901	Delayed response from the FortiGate-FortiManager tunnel for a certain APIs.



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.