

FortiAlOps - Release Notes

Version 1.0



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TABLE OF CONTENTS

Change log	. 4
Overview	
Supported FortiOS	
Enabling FortiAlOps	7
Known issues	. 8

Change log 4

Change log

Date	Change description
2021-06-22	FortiAlOps version 1.0 release version.

Overview 5

Overview

FortiAlOps 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. FortiAlOps 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 FortiAlOps 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.

Some key features of FortiAlOps supported in this release are as follows:

- Wireless SLA configurations
 - Successful Connects Association, Authentication, DHCP, DNS
 - Time To Connect Association, Authentication, DHCP, DNS
 - · AP Health and Uptime
- · Switching SLA configurations
 - · Successful Connects Authentication, MAC limit
 - · Switch Health and Uptime
- Topology view of the impacted devices (wireless and switch)
- Top 3 and overall impacted FortiGates (wireless and switch)
- AP, switch, and station issue identification and suggested remedies.

Notes:

- FOS version 7.0.0 is recommended with FortiSwitch version 7.0.0 to generate all events.
- In FortiGate, configure the FortiManager IP in syslog.
- The FortiAlOps Time to Connect DNS is not supported.
- For wired SLA, only Linux devices are considered as end clients.
- Client data for FortiAlOps topology is fetched only from the physical topology page of FortiGate.

The following scale deployment limits are supported for FortiAlOps.

Devices	Maximum limit
FortiGate controllers	600
Access Points	600
Stations	12000

Supported FortiOS 6

Supported FortiOS

The following versions of FortiOS are supported with this release of FortiAlOps.

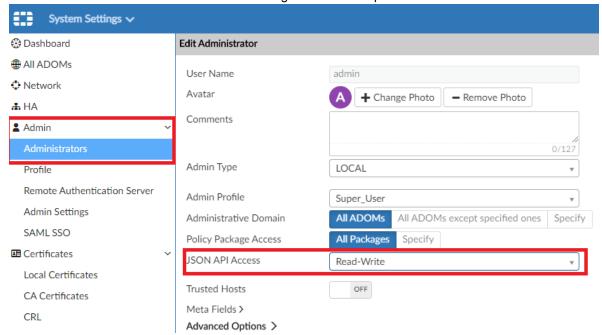
- 6.4.3
- 6.4.4
- 6.4.5
- 7.0.0
- 7.0.1 (awaiting release)

Enabling FortiAlOps 7

Enabling FortiAlOps

Follow this procedure to enable FortiAlOps.

- 1. Connect to the FortiManager GUI.
- 2. Navigate to System Settings > Administrators > Admin and set JSON API Access to Read-Write. This enables communication between FortiManager and FortiAlOps.



3. Navigate to **Management Extensions** and click the **FortiAlOps** tile.

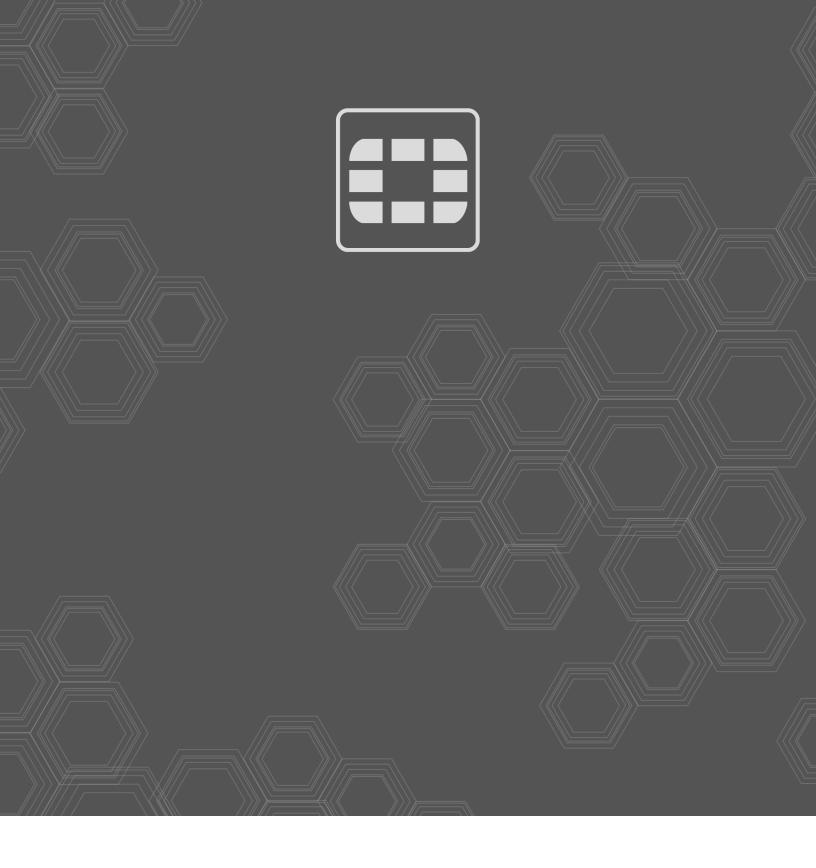
Note: Ensure that the DNS server is reachable.

Known issues 8

Known issues

The following issues are known is FortiAlOps version 1.0. For inquiries about a particular issue, visit the Fortinet Support website.

Issue ID	Description
718461	DNS delays are not displayed in the Time to Connect SLA dashboard.
725228	Raw logs are not displayed for some of the AP related failure events.
720372	DHCP failure is not displayed when the client MAC address is blocked in the SSID.
721601	DNS-no-resp failure correlation and remediation reported is not proper.
722037	Clicking on classifiers on the donut chart does not filter log contents.
722241	The Top 3 Sites in the dashboard displays data for FortiGates with impacted clients only.
726342	Offline FortiSwitch directly connected to a FortiGate is not displayed in the topology.
723096	MAC addresses inserted in the database are not the stations for impacted switch.



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