



## RELEASE NOTES

RELEASE 6.4.1

JUNE 2020

## Copyright

EXCEPT WHERE EXPRESSLY STATED OTHERWISE, NO USE SHOULD BE MADE OF MATERIALS ON THIS SITE, THE DOCUMENTATION, SOFTWARE, HOSTED SERVICE, OR HARDWARE PROVIDED BY FORTINET. ALL CONTENT ON THIS SITE, THE DOCUMENTATION, HOSTED SERVICE, AND THE PRODUCT PROVIDED BY FORTINET INCLUDING THE SELECTION, ARRANGEMENT AND DESIGN OF THE CONTENT IS OWNED EITHER BY FORTINET OR ITS LICENSORS AND IS PROTECTED BY COPYRIGHT AND OTHER INTELLECTUAL PROPERTY LAWS INCLUDING THE SUI GENERIS RIGHTS RELATING TO THE PROTECTION OF INTELLECTUAL PROPERTY. YOU MAY NOT MODIFY, COPY, REPRODUCE, REPUBLISH, UPLOAD, POST, TRANSMIT OR DISTRIBUTE IN ANY WAY, ANY CONTENT, IN WHOLE OR IN PART, INCLUDING ANY CODE AND SOFTWARE UNLESS EXPRESSLY AUTHORIZED IN WRITING BY FORTINET. UNAUTHORIZED REPRODUCTION, TRANSMISSION, DISSEMINATION, STORAGE, AND OR USE WITHOUT THE EXPRESS WRITTEN CONSENT OF FORTINET CAN BE A CRIMINAL, AS WELL AS A CIVIL OFFENSE UNDER THE APPLICABLE LAW.

© 2008-2020, Fortinet, Inc. All Rights Reserved.

## Trademark

The trademarks, logos and service marks (“Marks”) displayed in this site, the Documentation, Hosted Service(s), and product(s) provided by Fortinet are the registered or unregistered Marks of Fortinet, its affiliates, its licensors, its suppliers, or other third parties. Users are not permitted to use such Marks without prior written consent from Fortinet or such third party which may own the Mark. Nothing contained in this site, the Documentation, Hosted Service(s) and product(s) should be construed as granting, by implication, estoppel, or otherwise, any license or right in and to the Marks without the express written permission of Fortinet or the applicable third party.

Fortinet is a registered trademark of Fortinet Inc.

## Table of Contents

Release Notes v6.4.1.....	4
Browser Compatibility .....	4
New Features List .....	4
Bugs Addressed .....	6
Known Issues and Workarounds .....	7
Technical support contact information .....	7



## Release Notes v6.4.1

The Fortinet Security Orchestration, Automation, and Response Platform (**FortiSOAR™**) 6.4.1 introduces new features that facilitates and enhances your investigation abilities and management of security incidents.

This release introduces segmented network support that facilitates investigation in a multi-segmented network by allowing secure remote execution of connector actions and playbooks using FortiSOAR Agents. This release also introduces an "Widget Library" as a "BETA" feature so that users can edit out-of-the-box (OOB) widgets and build new widgets for custom use cases. It also enhances the monitoring of high availability clusters and the ability to export playbook collections or playbooks with saved versions of the playbooks. Debugging of playbooks has also been simplified to allow you to trigger playbooks directly from the playbook designer making it efficient for playbook developers to test playbooks while building them.

### Browser Compatibility

FortiSOAR™ 6.4.1 User Interface has been tested on the following browsers:

- Chrome version 83.0.4103.97
- Firefox version 77.0.1
- Internet Explorer version 11.836.18362.0

### New Features List

- Introduced segmented network support that facilitates investigation in a multi-segmented network by allowing secure remote execution of connector actions and playbooks. If your requirement is to be able to remotely run connector actions and playbooks, using FortiSOAR Agents. A FortiSOAR™ on-premise agent is small, lightweight, consumes minimal system resources and it is very easy to deploy and maintain.
- Introduces an "Widget Library" as a "BETA" feature. The Widget Library allows users to edit out-of-the-box (OOB) widgets and build new widgets for custom use cases. FortiSOAR™ provides many OOB widgets for graphs, charts, utilities etc., however there are always customizations and new use cases that are required to meet the user expectations. This feature provides more control to users and allows them to shape the widget based on their available data.
- Enhanced the High Availability support in FortiSOAR™ as follows:
  - Added the `get-replication-stat` subcommand to the `csadm ha` command to display the replication statistics, i.e., the replication lag and status between cluster nodes.

- Added the **Heartbeat Interval (Minutes)** and **Missed Heartbeat Count** fields that can be configured to monitor heartbeats between nodes in an HA cluster. These fields have been added to the HA Cluster Health section on the Application Configuration page. If there are any missed heartbeats, or service down, or service connectivity failure found in the health check, then a notification will be sent to the specified email address.
- Added the ability to include versions while exporting individual playbooks and playbook collections.
- Added the ability to trigger playbooks directly from the playbook designer making it efficient for playbook developers to test and debug playbooks while building them.
- Enhanced the "FortiSOAR Configuration Wizard" to display a **Static IP** page in case your FortiSOAR™ VM environment does not have DHCP enabled. This provides users with the flexibility of changing their environment from DHCP to Static without worrying that the configuration wizard will fail since it cannot get the network.
- Added a '**What's New?**' section on the connector's configuration page that highlights the changes in the new version of that updated connector. You can view the highlights and understand what you can expect when you upgrade your connector version.
- Enhanced the "Markdown" editor present in the Richtext Content widget and the Rich Text field to support iFrames. An iFrame or an iFrame sandbox can be used to correctly render content within HTML emails. Also, improved the look and feel and usability of the editor.
- Enhanced the "File Field" type to allow the attaching of files by dragging and dropping them. Earlier, a file selector option was present. Some examples of where you can drag and drop files are:
  - File Fields in a record: An example of a "File Field" is "Email"; therefore, if you have an Email field in your record, then you can drag and drop an email to attach it to the record.
  - Create Record and Update Records steps.
  - Input modal in the Manual Trigger.
- Enhanced the Configuration Manager as follows:
  - Added the ability to export playbook collections and global variables.
  - Added the ability to export settings and customizations that you have applied across your FortiSOAR™ instance. For example, you can export your system settings such as branding and notifications, SSO and LDAP configurations, High Availability configurations, etc.
- Added meaningful messages and troubleshooting tips to be displayed during the license deployment process, making it easier for you to debug licensing issues.
- Introduced the ability to specify the behavior of the comment "delete" action, in the **Comments Modifications** section on the **Application Configuration** page. When a user deletes a comment, you can choose to permanently delete the comment or flag the comment for deletion, i.e., **Soft Delete** (default).
- Added support for nested filters in the "On Create" and "On Update" triggers. Support for operators such as Matches Pattern has also been added to filters.

- Added support to choose whether you want to open a page, in an iFrame or a new tab, while you are adding that page as part of the left-navigation in FortiSOAR™. Earlier, there was no support for opening a page in a new tab.
- FortiSOAR™ 6.4.1 includes the following versions of the built-in connectors:
  - Utilities connector version 3.0.3
  - Database connector version 2.1.1
  - IMAP connector version 3.5.2
  - SMTP connector version 2.3.3
  - SOAP connector version 2.3.0
  - SSH connector version 2.1.1
  - Report Engine connector version 1.0.4
  - Code Snippet connector version 1.2.4
  - BPMN version 1.0.2
  - System Monitoring version 1.3.0For more information on FortiSOAR™ Built-in connectors, see the "[FortiSOAR™ Built-in connectors](#)" article.

## Bugs Addressed

Following is a list of some of the important bugs addressed in **FortiSOAR™ release 6.4.1**:

- **Bug #0627166**: Fixed the issue that the `services` subcommand for `csadm`, i.e., `csadm services`, was working with shortcuts and without any validations. Now, the `csadm services` command will work with only the recommended parameters.
- **Bug #0628531**: Fixed the issue that the value of tooltip messages and default fields were limited to 500 characters. Now, this character limit has been removed.
- **Bug #0628899**: Fixed the issue tooltip messages could not contain special characters. Now, you can add special characters such as quotes, question marks, tilde, hashes, etc.
- **Bug #0629979**: Fixed the issue of playbook UUIDs getting changed when the playbooks JSON were imported into a FortiSOAR™ environment. Changed UUIDs used to lead to the failure of playbooks that had a "Reference" step containing the IRI of the imported playbook. Now, when you export a playbook and import that into a FortiSOAR™ environment the UUID of the playbook remains unchanged.
- **Bug #0630708**: Fixed the issue of confusion being created in case of date fields for the Greater Than, Greater Than or Equal To, Less Than, and Less Than or Equal To filters. These filters have now been updated to After, On or After, Before, and On or Before.
- **Bug #0639734**: Fixed the issue of the tabs FortiSOAR™ UI in the detail view of records getting distorted if multiple tabs are added to the system view template (SVT) of the records.
- **Bug #0639901**: Fixed the issue of column names not being sorted alphabetically in the hamburger menu (☰) that appears above grids in FortiSOAR™.

## Known Issues and Workarounds

For a list of known issues and workarounds, see the *Known Issues and Workarounds* guide.

## Technical support contact information

Contact the FortiSOAR™ support team for any technical issues or customer service requests using the Fortinet Customer Service & Support web portal at <https://support.fortinet.com/>.