

Release Notes

FortiSOAR 7.0.1



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Change Log

Date	Change Description
2021-07-09	Initial release of 7.0.1

FortiSOAR 7.0.1 Release

The Fortinet Security Orchestration, Automation, and Response Platform (**FortiSOAR™**) 7.0.1 release introduces new features and product enhancements that aim to augment your experience working with FortiSOAR. Important release highlights include the support for 'Concurrent User Seats' and the ability to designate a '*Super Admin*' user for privileged admin controls. There are also improvements made to boost the performance of the FortiSOAR UI, enhancements made to the widgets that are part of the FortiSOAR widget library, and others that enhance the usability of the product.

For a detailed list of all the new features and enhancements, see the [New features and enhancements](#) chapter.



The recommended minimum screen resolution for the FortiSOAR GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

New features and enhancements

Feature	Details
Added support for Concurrent User Seats	<p>In version 7.0.1, FortiSOAR introduces the concept of 'Concurrent User Seats', thereby supporting both 'Named' and 'Concurrent' users.</p> <ul style="list-style-type: none"> • Named Users: 'Named' users are users for whom a seat is permanently reserved, i.e., such a user can always log onto FortiSOAR except in case of a license violation. • Concurrent Users: Ability to designate a user seat as a 'concurrent user seat' allows system administrators to create a floating seat that can be shared by unlimited users (only limited by the user seat limit). This particularly is useful for a shift-oriented SOC environment where, for example, a 30-member team only has 10 members working in a given shift and therefore, in this scenario, administrators can create 10 concurrent users and re-use the seats across all shifts effectively.
Added user subcommand to csadm	<p>The user subcommand has been added to csadm allowing administrator to manage their FortiSOAR users. Administrators can use the <code>csadm user</code> command to display the list of users who are currently logged into FortiSOAR and also forcefully log off a specific 'Concurrent' user from FortiSOAR.</p>
Added provision to designate any active user as a 'Super Admin'	<p>A <i>Super Admin</i> user has a privilege of being able to log into FortiSOAR even when the system is in violation of the allowed user seats. By default, this user is set as 'CS Admin'. Prior to version 7.0.1, the csadmin user could log into FortiSOAR, even when there was a license validation failure. However, there could be customer environments where the csadmin user is kept inactive or has been deleted, and therefore ability to choose any active user as a <i>Super Admin</i> is introduced in version 7.0.1.</p>
Added support for configuring the directory in which connector rpms are downloaded for FSR agents	<p>From version 7.0.1 onwards, you can configure the directory in which connector rpm is downloaded. By default, connector rpms are downloaded to the <code>/opt/cyops-integrations/cyops_connector_rpm</code> directory. Prior to version 7.0.1 the connector rpm, by default, used to get downloaded to the <code>/tmp</code> directory of FSR agents, which could be restricted for writing into it by other users causing the installation to fail.</p>
Added support for gobetween as a load balancer	<p>Gobetween is a minimalistic yet powerful high-performance L4 TCP, TLS, and UDP based load balancer and you can now configure gobetween as a load balancer for FortiSOAR High Availability clusters.</p>
Added support for managing user listings in 'People Lookup' fields	<p>Version 7.0.1 allows you to manage user listings in 'People Lookup' fields. You can choose to display only active users only in people lookup fields, such as <code>assignedTo</code>, across FortiSOAR</p>
Added support for 'minutes' in case of time-based escalations for manual input	<p>From version 7.0.1 onwards, the 'Minutes' option has been added for time-based escalations for cases when analysts' responses are quickly required. Also, the default manual input escalation system schedule is updated to run every minute; earlier it used to run every hour.</p>

Improved the performance of the FortiSOAR UI

Version 7.0.1 has boosted the performance of FortiSOAR UI to efficiently handle large datasets.

Enhanced built-in Widgets

The following widgets that are part of the Widget Library have been enhanced in the 7.0.1 release:

- **Access Control:** Updated this widget to version 1.1.0 to improve the performance of the widget by fixing a memory leak, and also fixed its formatting.
- **Record Summary:** Updated this widget to version 1.1.0 to update the configuration of the 'Time Elapsed' block type used in the war room setup and fix the issue in the value displayed in the 'Time Elapsed' field in a war room record.

Updated built-in connectors

The following built-in connectors have been updated in the 7.0.1 release:

- Utilities connector updated to version 3.1.1
- FortiSOAR ML Engine connector updated to version 1.1.0
- SMTP connector updated to version 2.4.2
- System Monitoring connector updated to version 1.4.0

For more information on FortiSOAR Built-in connectors, see the "[FortiSOAR™ Built-in connectors](#)" article.

Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiSOAR version 7.0.1.

Support for Concurrent User Seats

In version 7.0.1, FortiSOAR introduces 'Concurrent User Seats', thereby supporting both 'Named' and 'Concurrent' users. 'Named' users are users for whom a seat is permanently reserved, whereas 'Concurrent' users are those with floating seats that can be shared by unlimited users (only limited by the user seat limit).



When you upgrade FortiSOAR, all current users are treated as 'Named' users and associated restrictions are applied.

For more information on licensing, see the *Licensing FortiSOAR* chapter in the "Deployment Guide."

Deprecated the Rules Engine

Rules Engine has been deprecated from version 7.0.1 onwards and it is recommended that you should not use this feature. The Rules Engine will not be available in the next major release of FortiSOAR.

Upgrade Information

You can upgrade your FortiSOAR enterprise instance, High Availability (HA) cluster, or a distributed multi-tenant configuration to version 7.0.1 from versions 7.0.0 only. Also, once you have upgraded your configuration, you must log out from the FortiSOAR UI and log back into FortiSOAR.



When you upgrade FortiSOAR, all current users are treated as 'Named' users and associated restrictions are applied.

Also, note that the upgrade procedure temporarily takes the FortiSOAR application offline while the upgrade operations are taking place. We recommend that you send a prior notification to all users of a scheduled upgrade as users are unable to log into the FortiSOAR Platform during the upgrade.



For details about upgrading FortiSOAR, see the *FortiSOAR Upgrade Guide*.

Product integration and support

Web browsers

FortiSOAR 7.0.1 User Interface has been tested on the following browsers:

- Chrome version 91.0.4472.124
- Firefox version 89.0.1
- Internet Explorer Edge version 91.0.864.59

Virtualization

This section lists FortiSOAR version 7.0.1 product integration and support for virtualization:

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- VMware ESXi versions 5.5, 6.0, and 6.5
- Linux KVM Redhat 7.1

Resolved issues

Following is a list of some of the important defects addressed in **FortiSOAR release 7.0.1**:

- **Bug #0697187**: Removed system modules, such as routers, tenants, agents etc., from the list of modules that can be used by the FortiSOAR ML Engine connector to train the ML engine to analyze your existing record data and then recommend similar records and predict and assign field values in records.
- **Bug #0714401**: Disabled character limits on fields for which encryption is enabled. Prior to version 7.0.1, the character limit of 255 characters was applicable to encrypted fields; which could lead to failure while trying to save that field. Therefore, now when the encryption property is enabled on any field, then the character limit of that field is changed to match its `MAX Field Length`.
- **Bug #0716977**: Fixed the issue that relationship fields were getting updated when you updated primary fields in the 'more information needed' popups, such as the 'Closure Notes' popup. This used to cause an override conflict when the same record was updated outside the current browser window.
- **Bug #0717760**: Fixed an issue with a SAML user where the `lastName` of the user used to be set to "Me" if the `lastName` was not received from the provider. Now, this has been fixed as follows:
 - If the provider sends neither the `firstname` or `lastname`, then the SSO will be set to "Change Me" for the `firstname` and `lastname`.
 - If the provider sends either the `firstname` or `lastname`, then the SSO will set to the same and the other one will be kept blank.
- **Bug #0718007**: Fixed the issue that in case of SSO users, their lock/unlock and inactive/active status was not being displayed in the users' grid on the `Users` page.
- **Bug #0721147**: Fixed the issue that the Token Refresh API call was getting triggered from every browser tab of same browser instance, causing multiple token exits and activations for a single logged-in user session. Now, only a single token refresh call will be made for the same instance.
- **Bug #0721186**: Fixed the issue with the manual input, where a step that was not selected in the manual input path, was yet getting executed, even though it was not mapped to any action from manual input. Now, such steps will be skipped.
- **Bug #0722107**: Fixed the issue of FortiSOAR audit logs disclosing private IP addresses in the source field. .
- **Bug #0722279**: Fixed the issue that fields added to a manual trigger input prompt using the 'Record Field' option and those that were marked as read-only in the Module editor such as the `Tenant` field would be non-editable in the input prompt. Now, this issue is fixed by allowing input selection for such fields.
- **Bug #0725620**: Fixed an issue that the manual trigger input prompt would fail to load if a field in the prompt was added using the 'Record Field' option and the user does not have access to that field. Now, appropriate messages are displayed if users do not have access to the input fields.
- **Bug #0726283**: Fixed an issue with playbook execution logs not displaying appropriate logs due to application of incorrect tag filters. For example, while viewing individual playbook execution history the default 'exclude' filter was getting applied due to which the execution history for a system playbook was not getting displayed. Now, this issue is fixed by not applying any filter on playbook execution history for an individual playbook.
- **Bug #0726965**: Fixed an unclear message: `Unlinked Manual Input - Record IRI passed is invalid` that would be displayed when a user did not have access to a manual input. Now, the message has been updated and made cleared as: `Invalid Request - Issues with linked record or permissions`.
- **Bug #0727048**: Added audit logs for successful logins on FortiSOAR MEA by FortiAnalyzer or FortiManager users. Also added audit logs for successful logins by users on FortiSOAR Cloud.
- **Bug #0728438**: Fixed the issue with comments not getting linked to the record. This issue occurred as the Comments widget used the module's name while linking comments rather than the field name on the Comments module. This has been fixed and now the Comments widgets uses the relationship field name for linking.

- **Bug #0728525:** Fixed an issue with **Dynamic Variables** displaying the spinning wheel and not loading in some playbooks that were upgraded from 6.4.4.
- **Bug #0729558:** Fixed an issue that caused failure while loading the Correlation Graph if there was any non UTF-8-character present in the data of display name fields, such as incident name, or source fields.

Known Issues and Workarounds

- **Issue #0679776:** If you select both the **Row Expandable** and **Enable Horizontal Scrolling** options in the grid view template, and you expand a record in the grid view of the module, then the UI of the records following the expanded row might get scattered.
This issue will be resolved in future releases of FortiSOAR.
- **Issue #0679841:** You must ensure that the relations that you are adding while configuring co-relationships between modules are correct. FortiSOAR does not prevent the creation of incorrect relationships between modules. Therefore, you must ensure that you add correct bidirectional relationships for both the modules for which you want to define the relationship. For example, if you define a Many to One relationship on the Alerts module for the Events Module, then in the Events module you must define a "One to Many" relationship for the Alerts module.



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