

# Release Notes

**FortiSOAR 7.2.1**



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FortiSOAR 7.2.1 Release Notes

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# Change Log

| Date       | Change Description       |
|------------|--------------------------|
| 2022-06-30 | Initial release of 7.2.1 |

# FortiSOAR 7.2.1 Release

The Fortinet Security Orchestration, Automation, and Response Platform (FortiSOAR™) v 7.2.1 is now ready to take on the world! This release is adorned with multiple features and enhancements that aim to augment your experience working with FortiSOAR. Important release highlights include, the capability of adding blocks and notes in the playbook designer, improvements in the usability of the FortiSOAR UI, connector configurations, permission assignments, among others to enhance the usability of the product.

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

# New features and enhancements

## Improvements in Playbooks and Connectors

- Added the capability to add blocks and notes in the playbook designer.  
**Blocks** allow users to add visual sections containing multiple playbook steps that achieve a logical group context in a logical workflow diagram. **Notes** allow users to provide more information about the playbook or to explain the playbook steps in greater detail.
- Enhanced the 'Wait' step to allow users to specify a condition that requires to be met before the playbook resumes executing its steps. Earlier, you could specify only a fixed interval of time for which the playbook would wait before the playbook resumed executing its steps.  
Users can now also configure time-based escalations for cases where the wait condition is not satisfied.
- Added the capability to update only selective fields while upserting an existing record.
- Improved the usability of the 'Code Snippet' and 'Set Variable' steps and the 'Variables' step utility by enhancing the **Python Function** field's interface to a code text editor, making the experience of adding and editing code more user-friendly.
- Added a configurable flag in the 'Reference a Playbook' step to prevent record inputs to be passed to the referenced (child) playbook.
- '**ENV**' which is part of the Playbook Execution Log, now displays the complete JSON tree with a reference of the "vars" root node (earlier **ENV** was written) at the top of JSON, making the writing of jinja in playbooks easier.
- Added the capability to view and purge executed playbook logs from the detail view of a record.
- Performance and usability enhancements in the Create Record, Update Record, and Ingest Bulk Feed steps.
- Improved usability for connector configuration by including enhancements such as displaying the progress of the configuration and the status of the health check while saving the connector configuration and displaying all errors or warnings related to connector configuration, including missing dependencies, invalid configurations, etc.

## Enhanced usability in the grid and detail view of records

- Added support for exporting all records (both *visible* and *hidden* columns) of a module, in the CSV format, using the grid view. All record data, both *visible* and *hidden* columns, are exported. List views of modules have a maximum shown record count of 250 records, which meant that earlier only 250 records could be exported.
- An option to render tabs based on visibility conditions that users have specified is now available on the records' detail view panel.
- A new option **Not Set** is added to the list view (grid) of a module so that you can filter data (picklist or lookup fields) that has empty (not set) values in a grid. For example, to search for alerts whose 'Status' or 'Type' is not set.
- An option to enter a page number in the page input box available on list (grid) views in FortiSOAR to directly navigate to a particular page.
- The interface of 'Date Picker' is enhanced to easily distinguish the week number and date.

## Enhanced administration controls

- The **Navigation Structure** item in the 'Import Wizard' has been enhanced to add support to, either append the extra navigation items to your existing navigation structure or replace your existing navigation structure, with the items and structure that are specified in the import configuration.

- Administrators — users with a minimum of 'Security' `Read` permission — can view the aggregated list of effective permissions based on different roles assigned to a given user or appliance, on the users' profile, or on the appliance's edit page.
- Improved usability of the 'Set Role Permissions' grid on the Roles page is enhanced to make permission assignment efficient, intuitive, and logical. Enhancements include an automatic logical selection of permissions such as the selection of the 'Create' permission for a module leads to the automatic selection of the 'Read' permission for that module, etc. and locking of the column headers of the 'Set Role Permissions' grid.
- Support added to trigger schedules on-demand, i.e., run schedules directly outside their scheduled time.
- An option to purge failure notification logs is added on the `Failure Notification Logs` page.
- Added an administration setting to disable the FortiSOAR Setup Guide. Also, the FortiSOAR Setup Guide UI is enhanced to make it more user-friendly.

### Built-in Connector and Widget Enhancements

- Multiple built-in connectors such as Code Snippet and Report Engine have been updated.  
For more information on FortiSOAR Built-in connectors, see the "[FortiSOAR™ Built-in connectors](#)" article.
- Multiple widgets such as Custom Picklist Message have been updated.

## Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiSOAR version 7.2.1.

### Deprecated the 'Execute Python Code' action in Code Snippet

The `Code Snippet` playbook step has deprecated the **Execute Python Code (Deprecated)** action, and it is not recommended to use this action. Instead, you should use the **Execute Python Code** action, which contains the **Python Function** field, whose interface is enhanced to a code text editor making the experience of adding and editing the code more user-friendly. The **Execute Python Code (Deprecated)** action contains the **Python Function** field as a text box.



## Upgrade Information

You can upgrade your FortiSOAR enterprise instance, High Availability (HA) cluster, or a distributed multi-tenant configuration to version 7.2.1 from versions 7.0.0, 7.0.1, 7.0.2, or 7.2.0 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.

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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*.

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# Product Integration and Support

## Web Browsers & Recommended Resolution

FortiSOAR 7.2.1 User Interface has been tested on the following browsers:

- Google Chrome version 102.0.5005.115
- Mozilla Firefox version 101.0.1
- Microsoft Edge version 103.0.1264.37
- Safari version 15.1 (17612.2.9.1.20)
- The recommended minimum screen resolution for the FortiSOAR GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI might not get properly displayed.

## Virtualization

This section lists FortiSOAR version 7.2.1 product integration and support for virtualization:

- AWS Cloud
- Fortinet-FortiCloud
- VMware ESXi versions 5.5, 6.0, and 6.5
- Redhat KVM



For any other virtualization or cloud hosting environment, you can install CentOS 7.x and then install FortiSOAR using CLI. For more information, see the "Deployment Guide."

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## Resolved Issues

Following is a list of some of the important defects addressed in **FortiSOAR release 7.2.1**. This release also includes important security fixes.

- **Bug #0713270:** Fixed the issue with the image not being available or visible when playbook collections that had a playbook collection image were imported.
- **Bug #0799397:** Fixed the issue of having to install connector dependencies separately on each node of an HA cluster. Now, once you have installed a connector dependency on a FortiSOAR node using the **Install** link on the connector's Configurations dialog, then that dependency is installed seamlessly on the other nodes of the HA cluster.
- **Bug #0801192:** Fixed the issue with line and timeseries charts that allowed grouping of data only by picklist values. Now, users can group data by non-picklist values, including integers as well as other types of fields (except Many to One and Many to Many) in the Y-Axis (categories) drop-down for line charts as well as timeseries widgets.
- **Bug #0810514:** Fixed the issue of legend color and line color mismatch in line charts when the values of the 'Group by' field is 0.
- **Bug #0813656:** Fixed the issue with hung connector actions taking infinite time. Now, a timeout is added to connector actions, ensuring that the hung connector actions are timed out and not hung forever.
- **Bug #0814754:** Fixed the issue of a 'Reference' playbook not being triggered when a variable is used to populate the playbook IRI field of the referenced playbook step.
- **Bug #0814811:** Fixed the issue with FDN sync getting blocked forever. Now, a timeout in FDN sync so that it does not get hung and exists after the timeout if the call to [Globalupdate](#) gets stuck.
- **Bug #0818950:** Fixed the issue with the rendering of the date specified in the X-axis of line charts and timeseries widgets in only 'Month Year' or 'Month Day' formats. Now, the date specified in the X-axis can also be rendered in Date (yyyy-mm-dd) format for line charts and timeseries widgets.



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