

Splunk[®] Enterprise Security Release Notes 6.6.2

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Splunk Enterprise Security Release Notes

Release notes for Splunk Enterprise Security

This version of Splunk Enterprise Security is compatible only with specific versions of the Splunk platform. See Splunk Enterprise system requirements in the *Installation and Upgrade Manual*.

Because the navigation now respects your local changes, you might need to make changes to the navigation menu bar after upgrading. See **Configure > General > Navigation** to see which views are upgraded, new, or deprecated.

Current versions of Splunk Enterprise Security only support TAXII version 1.0 and TAXII version 1.1.

What's new

Splunk Enterprise Security version 6.6.2 does not include any significant enhancements.

Deprecated or removed features

Following is a list of deprecated or removed features in Enterprise Security:

Deprecated Feature	Comments
No option to run real time searches on the Incident Review page	The option to run a real time search is no longer available on the Incident Review page from release 6.6.2 or higher. Additionally, you may encounter issues in the display of search results if you run real time searches on the Incident Review page in releases 6.6.0 or lower.
No support for sending notable events from Splunk Enterprise Security to Splunk UBA	Support for sending notable events from Splunk ES to Splunk UBA will be removed in a future release. Configure a Splunk ES Notables data source or use Splunk Direct to pull notable events from Splunk ES to Splunk UBA. See Pull notable events from Splunk ES to Splunk UBA.
No browser support for Internet Explorer	Browser support for Internet Explorer 11 is no longer available in Enterprise Security version 6.6.0 or higher.
No support for glass tables	Glass tables are no longer available in Enterprise Security version 6.6.0 or higher. A comparable feature called Dashboard Studio is available in the Splunk platform. See What is the Splunk Dashboard Studio? in the Splunk Cloud Platform <i>Splunk Dashboard Studio</i> manual and What is the Splunk Dashboard Studio? in the Splunk Enterprise <i>Splunk Dashboard Studio</i> manual. Do not upgrade to ES 6.6.0 or higher if you need to continue using Glass Tables.
Extreme Search (Splunk_SA_ExtremeSearch) macros removed	The following Extreme Search macros that were previously deprecated are removed as of Enterprise Security version 6.6.0: [xs_default_direction_concepts], [xs_default_magnitude_concepts], and [xs_default_change_concepts]
No support for Malware Domains threatlist	The Malware Domains threatlist is not supported in Enterprise security version 6.5.0 or higher.
Domain Dossier is removed from Enterprise Security	Domain Dossier is not available in Enterprise Security 6.5.0 or higher.
Option to search with Google within the ES application may pose inherent security risks as it may direct you to third party websites.	Option to search with Google is not available in Enterprise Security 6.5.0 or higher.

Deprecated Feature	Comments
he master_host settings for Identity fanager and Intelligence Downloads in earch head pooling	Settings are obsolete for Enterprise Security 6.3.0 and higher.
fundled technology add-ons in the ES installer. See Add-ons.	Bundled technology add-ons are not included in Enterprise Security 6.2.0 and higher.
Compatibility with Python 2 and Machine earning Toolkit 4.0.	Enterprise Security 6.1.x is compatible with Python 3 only. Enterprise Security 6.1.x release is compatible with Splunk Enterprise versions that ship with only Python 3 interpreter and MLTK 5.0 and higher.
plunk Add-on for Tenable and plunk_TA_nessus	These add-ons are removed from the ES installer.
hreat intelligence sample files	These threat intelligence sample files are removed from DA-ESS-ThreatIntelligence/default/data/threat_intel/: Appendix_D_FQDNs.xml, Appendix_F_SSLCertificates.xml, Appendix_G_IOCs_No_OpenIOC.xml, fireeye-pivy-report-with-indicators.xml, and Mandiant_APT1_Report.xml
etting that enables SSL for Splunk Web	A system setting that is not enabled and disabled by the Enterprise Security app.
the luhn_lookup custom lookup script or detecting personally identifiable credit ard information	Enterprise Security uses luhn_lite_lookup instead of luhn_lookup.
he getcron search command	join my_saved_search_name [rest splunk_server=local count=0 /services/saved/searches table title,cron_schedule rename title as my_saved_search_name, cron_schedule as cron] instead of the search command: getcron inputField=my_saved_search_name outputField=cron.
udit dashboard for content profile	Use Content Management data model row expansion instead of using Audit dashboard for content profile. See Expand Content Management searches to view dependency and usage information in Splunk Enterprise Security.
ookup generating search for Traffic olume Tracker	Removing this search resolves issues with exporting all objects in Content Management.
utomatic (continuous) creation and eployment of the "indexer package" Splunk_TA_ForIndexers) to the Indexer er via deployment server proxy feature	See Deploy add-ons to indexers.
he notable_adhoc_invocations nacro in the SA-ThreatIntelligence app	Use the incident review saved search to fix ad-hoc alerts on sequenced events instead.
lexa Top 1 Million Sites	See Included generic intelligence sources for alternatives.

End of support schedule

Refer to Splunk Support Policy to verify the end of support date for your Enterprise Security version.

Add-ons

Technology-specific add-ons are supported differently than the add-ons that make up the Splunk Enterprise Security framework. For more information on the support provided for add-ons, see Support for Splunk Enterprise Security and provided add-ons in the *Release Notes* manual.

Deprecated or removed add-ons

Splunk Enterprise Security no longer includes many of the technology add-ons in the Splunk Enterprise Security package. Instead, you can download the technology add-ons that you need directly from Splunkbase. This change improves the performance of Splunk ES by reducing the number of unnecessary enabled add-ons, and allows you to install the most appropriate and updated versions of add-ons when you install Splunk ES.

The following technology add-ons are removed from the installer, but still supported:

- Splunk Add-on for Blue Coat ProxySG
- Splunk Add-on for McAfee
- Splunk Add-on for Juniper
- Splunk Add-on for Microsoft Windows
- Splunk Add-on for Oracle Database
- Splunk Add-on for OSSEC
- Splunk Add-on for RSA SecurID
- Splunk Add-on for Sophos
- Splunk Add-on for FireSIGHT
- Splunk Add-on for Symantec Endpoint Protection
- Splunk Add-on for Unix and Linux
- Splunk Add-on for Websense Content Gateway

The following technology add-ons are removed from the installer, supported for the next year, but are deprecated and will reach end of support one year from the release date of this Enterprise Security version:

- TA-airdefense
- TA-alcatel
- TA-cef
- TA-fortinet
- TA-ftp
- TA-nmap
- TA-tippingpoint
- TA-trendmicro

Splunk Enterprise Security 6.6.0 was released on June 30, 2021. For more information on release dates for the major versions of Splunk Enterprise Security, see Software Support Policy page.

End of Life

- Splunk Add-on for NetFlow announced: March 18, 2019 | Ends: June 16, 2019
- Splunk Add-on for Tenable announced: April 8, 2019 | Ends: July 7, 2019

Updated add-ons

The Common Information Model Add-on is updated to version 4.20.0.

Libraries

The following libraries are included in this release:

- Splunk ML Toolkit-5.2.0-1588985117706
- Splunk SA Scientific Python linux x86 64-2.0.1-0

Fixed issues for Splunk Enterprise Security

Splunk Enterprise Security 6.6.2 was released on September, 2021. For more information on release dates for the major versions of Splunk Enterprise Security, see Software Support Policy page.

This release includes fixes for the following issues:

Date resolved	Issue number	Description
2021-08-30	SOLNESS-27985	Incident Review sorting reverts to chronological ordering when switching between pages (as opposed to default, reverse-chronological order)
2021-08-27	SOLNESS-27747	Notable event suppressions do not work after an upgrade to ES 6.6.0 and Splunk 8.2.1. Notable events suppression worked in ES 6.2.0 and 8.0.4.1.
2021-08-25	SOLNESS-27837	IR dashboard does not load on ES 6.6.1

Known issues for Splunk Enterprise Security

Splunk Enterprise Security 6.6.2 was released on September, 2021. For more information on release dates for the major versions of Splunk Enterprise Security, see Software Support Policy page.

There are no known issues in this release.

Date filed	Issue number	Description
2021-09-24	SOLNESS-28349	Incident Review is empty with javascript error TypeError: e.replace is not a function when displaying notable a multivalue field. Workaround: Add the following two lines at the end of the saved search Incident Review - Main to ensure that all the fields have a single value. foreach * [eval "< <field>>"=mvjoin('<<field>>', " ")] This breaks the separate context men multivalue fields in the details of a notable. Remove the local copy of this search after upgrading to a version where this issue is resolved. OR Remove the columns from the Incident Review table that might potentially have multivalue fields. For information, see https://docs.splunk.com/Documentation/ES/Admin/CustomizeIR#Change Incident Review columns.</field></field>
2021-09-21	SOLNESS-28240	IR search not matching on keywords in the title
2021-09-16	SOLNESS-28194	

Date filed	Issue number	Description
		Incident Review: When using the "Date & Time Range" option for the timepicker, the selected time will change when press Apply if the user timezone doesn't match the server timezone
		Unable to load a newly created adhoc managed lookup from Content Management.
2021-09-14	SOLNESS-28180	Workaround: Edit the permissions of the lookup to export globally and read/write to the appropriate users.
		If "Incident Review - Table Attributes" has been changed before upgrade to ES 6.6, Incident Review is missing new fields, Disposition
	Workaround: You can check if "table_attributes" in /etc/apps/SA-ThreatIntelligence/local/log_review.conf exists, and remove it to revert t defaults for. 6.6 (and customize again after if needed)	
	or manually add the fields below to the table as per https://docs.splunk.com/Documentation/ES/latest/Admin/CustomizeIR#Change_Incident_Review_color	
		defaults for 6.6.0:
2021-09-07	SOLNESS-28046	
		<pre>table_attributes = [\</pre>
2021-09-01 So	SOLNESS-28019	"src" or "dest" fields of Threat Activity events showing as "unknown" even though "threat_match_fields" is src or Workaround: # Navigate to the threat intelligence management page and click on the threat matching tab
		 Click on, for example, "src" to edit that threat match configuration Scroll down on the modal and click the pencil for the first data model dataset Click on the "+ Add aggregate" and add "<datamodel>.src as src" to add the source field as an aggregate.</datamodel> Click Save. Repeat for other datasets as needed Repeat all steps for other threatmatch configurations as needed

Where to find help

How to find answers and get help with Splunk Enterprise Security

Questions and resources for the Splunk platform

- Support and resources for Splunk Enterprise
- Splunk Answers
- The #splunk IRC channel on EFnet (http://chat.efnet.org/)

Questions about Splunk Enterprise Security

- For a list of recommended courses on Splunk Enterprise Security, see Education Courses for Enterprise Security Customers.
- The Splunk Enterprise Security documentation
- Splunk Answers posts about Splunk Enterprise Security

Support for Splunk Enterprise Security

- For assistance installing, upgrading, or scaling a Splunk Enterprise Security deployment, contact the Splunk Professional Services team.
- For assistance on a support issue with Splunk Enterprise Security, file a case using the Splunk Support Portal.

Support for Splunk Enterprise Security and provided add-ons

Splunk Enterprise Security is a premium app that supports additional add-ons to make it easier for you to add data to your Splunk deployment. Support for Splunk Enterprise Security is different from the support for the add-ons that help you get data in.

- The add-ons that include "SA-" or "DA-" in the name make up the Splunk Enterprise Security framework. These add-ons are supported in accordance with the Purchased Software with Active Support Subscription section of the Splunk Software Support Policy. See Splunk Software Support Policy.
- The rest of the add-ons include "TA-" in the name and are technology-specific and provide the CIM-compliant knowledge necessary to incorporate that source data into Enterprise Security. These add-ons are available for your convenience and are supported differently than the add-ons that make up the Splunk Enterprise Security framework. See the Splunk Extensions section of the Splunk Software Support Policy. See Splunk Software Support Policy.

Third-party software

Credits

Some of the components included in Splunk Enterprise Security are licensed under free or open source licenses. We wish to thank the contributors to those projects.

View the license(s) associated with each component by selecting a component name on the left.

Bootstrap Dual Listbox

Version 3.0.6

https://github.com/istvan-meszaros/bootstrap-duallistbox http://www.virtuosoft.eu/code/bootstrap-duallistbox/ Copyright 2013-2014 István Ujj-Mészáros

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bootstrap-editable

Version 1.5.1

http://github.com/vitalets/x-editable

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class.js

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Classnames

Version 2.2.5

https://github.com/JedWatson/classnames

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Colorpicker

http://www.eyecon.ro/colorpicker/

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Version 1.2.0

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dateutil

Version 2.8.0

https://pypi.python.org/pypi/python-dateutil

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dateutil - Extensions to the standard Python datetime module.

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eve

eve 0.4.2

https://github.com/tomasAlabes/eve

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fbjs

fbjs 0.8.6

https://github.com/facebook/fbjs

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Font-awesome

Version 3.2.1

http://fontawesome.io/

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Hands-On-Table

Version 3.0.0

https://github.com/handsontable/react-handsontable/blob/master/LICENSE

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hoist-non-react-statics

Version 1.2.0

https://github.com/mridgway/hoist-non-react-statics

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jquery.browser

jquery.browser 0.0.8

https://github.com/gabceb/jquery-browser-plugin

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jQuery contextMenu

version 1.6.5

http://medialize.github.io/jQuery-contextMenu/index.html

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jQuery validate

Version 1.11.1

http://bassistance.de/jquery-plugins/jquery-plugin-validation

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js-tokens

Version 2.0.0

https://github.com/lydell/js-tokens

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keycode

Version 2.1.7

https://github.com/timoxley/keycode

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Lodash

Version 4.17.2

https://lodash.com/

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loose-envify

Version 1.3.0

https://github.com/zertosh/loose-envify

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maec

Version 4.1.0.14

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memoize-one

Version 5.1.1

https://github.com/alexreardon/memoize-one/blob/master/LICENSE

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mixbox

Version 1.0.3

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MobX

Version 2.6.3

https://mobxjs.github.io/mobx/

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mobx-react

Version 3.5.6

https://github.com/mobxjs/mobx-react

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Moment Timezone

Version 0.5.9

http://momentjs.com/timezone/

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node-fetch

Version 2.6.0

https://github.com/bitinn/node-fetch/blob/master/LICENSE.md

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object-assign

Version 4.1.0

https://github.com/sindresorhus/object-assign

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orderedset

Version 3.1

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pluggy

Version 0.9.0

https://pypi.org/project/pluggy/

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Prop Types

Version 15.7.2

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python-cybox

2.1.0.18

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python-stix

Version 1.2.0.7

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Querystring

Version 0.2.0

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raphael

raphael 2.1.0

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React JS

Version 16.13.1

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React JS DOM

Version 16.13.1

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react.visjs.timeline

Version 1.6.0

https://github.com/Lighthouse-io/react-visjs-timeline

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Require JS

Version 2.3.5

http://github.com/jrburke/requirejs

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Schematics

Schematics 2.0.0a1

https://github.com/schematics/schematics

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simpleyaml

version 3.10

https://pyvaml.org/wiki/PyYAML

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six

Version 1.12.0

https://pypi.python.org/pypi/six

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Splunk search command base class

Version 3c85fc4

https://github.com/LukeMurphey/splunk-search-command-example

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stix-edh

Version 1.0.1

https://github.com/mitre/stix-edh

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stix-ramrod

Version 1.2.0

https://github.com/STIXProject/stix-ramrod

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Store

Version 2.0.12

https://www.npmjs.com/package/store

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vis.js

Version 4.21.0

https://github.com/almende/vis

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vis.timeline

Version 7.4.9

https://github.com/visis/vis-timeline

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weakrefmethod

Version 1.0.3

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