

# syslog-ng Store Box 5.3.0

## Release Notes

### April 2019

These release notes provide information about the syslog-ng Store Box release.

## Upgrade to the new release

This is a Feature Release, which means that it will be supported for 6 months after the original publication date and for 2 months after a succeeding Feature or LTS Release is published (whichever date is later). Note that only the last of the feature releases is supported - for example, when a new feature release comes out, the last one becomes unsupported.

For a full description on stable and feature releases, open the [SSB product page on the Support Portal](#) and navigate to **Product Life Cycle & Policies > Product Support Policies > Software Product Support Lifecycle Policy**.

### Prerequisites and notes

#### CAUTION:

#### **SNMP destinations and SQL sources have been removed in the SSB 5.2.0 release**

**Do not upgrade to SSB 5.2.0 if you are currently using and want to continue to use:**

- **SNMP destinations**
- **SQL sources**

**These functionalities have been removed from SSB starting with version 5.2.0. Upgrading from 5 LTS and its minor versions would mean that you would have to upgrade to 5.2.0 - to continue to receive support for the product.**

**Staying on 5 LTS and its minor versions means that you will not have access to the HDFS destination functionality available in SSB starting with version 5.1.0, however, you will continue to get support for 3 years after the original publication date of 5 LTS (December 2017) and for 1 year after the next LTS release is published (whichever date is later).**

**If you wish to carry on using SNMP destinations or SQL sources, contact [zoltan.szasz@oneidentity.com](mailto:zoltan.szasz@oneidentity.com).**

**⚠ CAUTION:**

**Pyramid hardware is not supported**

SSB 5 LTS is not supported on the following hardware: SSB N1000, SSB N1000d, SSB N5000, SSB N10000.

In case you have SSB deployed on other, newer hardware or you have SSB 4 LTS, those will not be affected in any way. The version policy applies to those. For details, open the [SSB product page on the Support Portal](#) and navigate to Product Life Cycle & Policies > Product Support Policies > Software Product Support Lifecycle Policy.

If you wish to take advantage of new features and remain supported beyond the end date of the Extended Support phase, you need to upgrade your hardware. For assistance with your hardware upgrade, [contact our Sales Team](#). For further inquiries, [contact our Support Team](#).

If you do not know the type of your hardware or when it was purchased, complete the following steps:

1. Login to SSB.
2. Navigate to Basic Settings > Troubleshooting > System debug, click Collect and save current system state info, and save the file.
3. Open a ticket at <https://support.oneidentity.com/create-service-request>.
4. Attach the file you downloaded from SSB in Step 1.
5. We will check the type of your hardware and notify you.

## About this release

Welcome to syslog-ng Store Box. This document describes what is new in the latest version of syslog-ng Store Box (SSB).

## New features

### Operating system upgrade

In this release, we have upgraded the operating system underlying the SSB appliance. The upgrade brings you a more recent and thus, more secure version of the operating system, with longer support lifetime.

### Single-file firmware

Starting with version 5.3, SSB can be updated using a single firmware file instead of having to upload the core and boot firmware separately. Maintenance releases of the 5.3 line will already use this mechanism, and will be released as an ISO file. Note that upgrading to SSB 5.3 still requires two separate firmware files.

### OpenSSL upgrade

The OpenSSL package in SSB has been updated. As a result, the rc4 and 3des ciphers, the sslv3 protocol, and the sha-0 digest method became unsupported. For details on the consequences of these changes, see [Removed features](#).

## Removed features

The following is a list of features that have been removed from SSB 5.3.0.

- **Unsupported protocol:** The sslv3 protocol is unsupported. Make sure that your clients support a newer protocol (at least tlsv1.0), otherwise SSB will not be able to receive log messages from them.

- **Unsupported ciphers:** The rc4 and 3des cipher suites are unsupported. Make sure that your clients support a cipher suite that contains more secure ciphers, otherwise SSB will not be able to receive log messages from them.
- **Unsupported digest method:** The sha-0 (sha) digest method cannot be used in logstores anymore. If you have a logstore that uses this digest method, you must configure the logstore to use a different method before upgrading to SSB 5.3. Note that SSB rotates the logstore files every midnight. After changing the digest method, you must wait for the next logrotation before upgrading to SSB 5.3. For details on changing the digest method, see ["General syslog-ng settings" in the Administration Guide](#).

**⚠ CAUTION:**

**After upgrading to SSB 5.3, you will not be able to access and search the logstore files that use the sha-0 digest method.**

- The **Special > Firmware** user privilege has been removed. To upload a new firmware, the user now needs to have the **Basic Settings > System** privilege. Note that users who had only the **Special > Firmware** privilege will not be able to login to SSB after upgrading to version 5.3. For details on managing user privileges, see ["User management and access control" in the Administration Guide](#).
- Configuration changes of syslog-ng Premium Edition peers can be displayed only for peers running syslog-ng Premium Edition 3.0-6.0.x. Peers running syslog-ng Premium Edition version 7.0.x do not send such notifications. As a result, if you are forwarding the logs of an SSB node to another SSB node, such log messages will not be available. You can check the configuration changes of SSB on the **AAA > Accounting** page.

## Resolved issues

The following is a list of issues addressed in this release.

**Table 1: General resolved issues**

Resolved Issue	Issue ID
Time is not synchronized to the secondary node In high availability (HA) installations, the NTP synchronization to the secondary node was not working in some cases. This has been fixed.	SSB-2823
Search causes 'RPC response is too big from indexer' error In some cases if the search results were too big (for example, many very long messages), the Search interface only received an 'RPC response is too big from indexer' error message instead of the search results. This has been fixed, now large search results are handled properly.	SSB-2806
Accented characters in LDAP group name cause problems	SSB-2803

Resolved Issue	Issue ID
SSB did not properly handle users if the groupname of their LDAP groups contained accented characters. This has been fixed.	
CRL is not updated When downloading the CRL from an external server, the CRL updater could get stuck when it encountered network issues, causing subsequent updates to fail as well. This has been fixed.	SSB-2788
The username field is empty in xcbLogout alerts The logout alert did not contain any username. This has been fixed.	SSB-2776
Improper shutdown in HA mode In some cases, errors occurred and error messages were displayed when shutting down the secondary node of a high availability installation. This has been fixed, now the secondary node can be shut down without any errors.	SSB-2682
Not enough shared memory error in certain HA cases In certain high availability (HA) installations, SSB sent the following alert: XCB-SNMP-MIB::description Internal Error, shm_put_var(): not enough shared memory left This has been fixed.	SSB-2379

**Table 2: Security package updates**

Resolved Issue	Issue ID
<b>Security package updates</b>	
The operating system of SSB has been updated in this release. As part of the operating system update, several security package updates have been incorporated into the release, including the following.	
<ul style="list-style-type: none"> <li>• systemd <ul style="list-style-type: none"> <li>• USN-3855-1 (<a href="https://usn.ubuntu.com/3855-1/">https://usn.ubuntu.com/3855-1/</a>)</li> </ul> </li> </ul>	

## Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

**Table 3: General known issues**

Known Issue	Issue ID
<p>When rebooting an SSB node under high load, it might happen that the indexer processes do not stop before the node reboots. As a result, the log messages that were indexed at the time of the reboot can be displayed incorrectly (not displayed in the search results, or misplaced on the timeline) when searching for these messages. If you experience such problems, <a href="#">contact our Support Team</a>. Note that no log data is lost.</p> <p>To avoid this situation, when you want to reboot SSB, complete the following steps:</p> <ol style="list-style-type: none"><li>1. Temporarily disable incoming log traffic: <b>Basic Settings &gt; System &gt; Service control &gt; Disable</b></li><li>2. Wait a few minutes for the indexers to finish processing the log messages.</li><li>3. Reboot SSB.</li><li>4. Enable incoming log traffic: <b>Basic Settings &gt; System &gt; Service control &gt; Enable</b></li></ol>	

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# Upgrade and installation instructions

For details on upgrading to version 5.3.0, see [Upgrade Guide](#).



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- Engage in community discussions
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## Third-party contributions

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