

Luna SP

CUSTOMER RELEASE NOTES

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The most up-to-date version of this document is at:

http://www.securedbysafenet.com/releasenotes/luna/crn_lunaSP_2-3-3.pdf

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Product Description

Luna SP is a network-attached security appliance with flexible programmability and hardware cryptographic processing designed to accept and run your Java applications.

The Luna SP functionality is built "on top of" the Luna SA platform.

Deploy Same-named WAR File

If you have a war file deployed and you want to deploy a newer version of war file with the same name, it will not work if you shut down web services first. Leave the web services running while deploying a new war file with the same name as the previous, or use a different name on the new file.

New Features and Enhancements

This release of Luna SP resolves the issues LSP-833. Refer to the section, [Resolved Issues](#), for further details.

Component Versions

The following table lists various components supported.

Component	Version
Luna SP (1U) firmware	4.8.1/4.8.7
Luna SP appliance software	2.3.3
Luna SA (underlying platform) software	4.5.1
Luna Backup Token firmware	4.8.1/4.8.7

Supported Operating Systems

This section lists the supported operating systems:

O/S & version	O/S kernel	32-bit library	64-bit library
Win2003	32	X	
Win2003	64	X	X
Win 2008 Server	32	X	
Win 2008 Server	64		X
Solaris 9 SPARC	32	X	
Solaris 9 SPARC	64	X	X
Solaris 10 SPARC	64	X	X
Solaris 10 x86	32	X	
Solaris 10 x86	64	X	X

RH Ent 4 2.6.x	32	X	
RH Ent 4 2.6.x	64	X	X
RH Ent 5 2.6.x	32	X	
RH Ent 5 2.6.x	64	X	X
Novell SUSE Linux Enterprise Server (SLES) 10 for PPC	64	X	X
AIX 5.3	32	X	
AIX 5.3	64	X	X
HP-UX 11i (11.11) PA-RISC	64	X	X
HP-UX 11i V2 (11.23) Itanium	64	X	X
HP-UX 11i V3 (11.31) Itanium	64	X	X

Firmware Versions

Supported Firmware Versions

HSM/Token	Firmware Supported with Luna SP Version								
	1.1 1.2 1.3	1.4 1.4.1	1.5 2.0	2.0	2.0.3	2.1.0	2.2	2.2.1	2.3 2.3.1 2.3.2 2.3.3
Luna KeyCard firmware	4.2.1	4.4.0	4.5.3 (2U)	4.6.0 or 4.6.1 (1U)	4.5.3 4.6.0 4.6.1 4.6.8	4.5.3* 4.6.8 4.8.1	4.8.1	4.8.1 or 4.8.7	4.8.1 or 4.8.7
Luna backup token firmware	4.2.1	4.4.0	4.5.3	4.5.3	4.5.3 4.6.8	4.5.3 4.6.8 4.8.1	4.8.1	4.8.1 or 4.8.7	4.8.1 or 4.8.7

* F/W 4.5.3 on legacy 2U systems with K3 HSM only

Released Components

Luna SP 2.3.3 upgrade package - The upgrade package can be retrieved from the Technical Support Customer Portal (<https://serviceportal.safenet-inc.com>).

For further assistance, please contact Gemalto Technical Support.

Resolved and Known Issues

Issue Severity and Classification

The following table serves as a key to the severity and classification of the issues listed in the **Resolved Issues** table and the **Known Issues** table, which can be found in the sections that follow.

Severity	Classification	Definition
C	Critical	No reasonable workaround exists
H	High	Reasonable workaround exists
M	Medium	Medium-level priority problems
L	Low	Low-level priority problems

Resolved Issues

The following is a list of resolved issues:

Severity	Issue	Synopsis
C	LSP-833	Summary: Luna SP 2.x is found to be affected by high severity vulnerability CVE-2016-2108. Status: This issue has been fixed in this release.

Known Issues

The following is a list of known issues:

Severity	Issue	Synopsis
M	(185627) Error message observed while upgrading Luna SP2.2.1 to Luna SP2.3	Problem: For certain configurations the message “/usr/chroot/wsp/proc/18143: No such file or directory” may appear one or more times during the upgrade to SP 2.3. Workaround: Ignore this message as it does not indicate a problem.
M	(63773) Luna SP requires partition login after every execution of command “spadmin restart”	Problem: After command “spconfig partition cachePassword or “partition cachePassword” the system should cache the partition password upon first use of “spadmin restart” command – at all later use of this command, system should not prompt for partition password. This does not happen, and the partition password prompt appears after every “spadmin restart”. Workaround: Provide the partition password when prompted. To be addressed in a future release.
M	(61900 and 79636) Luna SX on Luna SP	Problem: - Luna SX 1.1 fails on 'HSM init ' with SP 2.1 - Luna SX 1.1 does not display new tomcat.out and catalina.out logs Workaround: Use command-line interface. To be addressed in a future release.

Severity	Issue	Synopsis
M	(33180) Unable to use double quotes or asterisk in customer commands	<p>Problem: You can't use the quote symbol (") in custom SP commands. This means there is no good way of submitting parameters with spaces between them to commands. Similarly you can't use the asterisk (*) command</p> <p>Workaround: None.</p> <p>To be addressed in a future release.</p>
M	(25214) Problems with DST patch on Luna SP	<p>Problem: The dst-patch for Luna SA works on Luna SP but with limitations. They can all be resolved by rolling the dst-patch into the next complete release of Luna SP.</p> <p>Summary of problems (3)</p> <p>1) the dst-patch must be re-applied every time the SP software is updated (eg, SP 1.5 to SP 2.0 or 2.0 to 2.1)</p> <p>2) the hsm init and spconfig lunasp init scripts are replaced "on the fly" during appliance init: The dst-patch patches the "hsm init" and "spconfig lunasp init" commands on lunasp. Because these commands essentially overwrite themselves when executed (by unpacking the entire SP distribution again), they must be updated after being unpacked. The script that controls this waits about 10 seconds before doing so. So, after applying the patch, whenever you issue "hsm init" or "spconfig lunasp init", you will now see the following in the lush console up to 10 seconds after the command has completed and returned to the lush prompt.</p> <p>Command Result : 0 (Success)</p> <pre>[viper13] lunash:> [viper13] lunash:>updating init file Wait until you see that "updating init file" message before you issue any more lush commands! Very important! This is due to the nature of the java part of the dst patch.</pre> <p>3) Initializing a dst-patched SP into developer mode will cause these errors onscreen:</p> <pre>Initializing Developer Mode... This may take a few minutes... done. /usr/lunasa/spdstpatch/patch.sh: pushd: /wsp/usr/share: No such file or directory /bin/cp: cannot create regular file `/wsp/etc/localtime': No such file or directory /usr/lunasa/spdstpatch/patch.sh: popd: directory stack empty /usr/lunasa/spdstpatch/patch.sh: /wsp/usr/java/bin/java: No such file or directory updating init file Command Result : 0 (Success)</pre> <p>These errors are harmless, because the system is trying to dst-patch the jvm which does NOT get installed in developer mode.</p> <p>Workaround: N/A</p> <p>To be addressed in a future release.</p>

Product Documentation

The following product documentation is associated with this release:

- Luna SP Update Sheet

We have attempted to make these documents complete, accurate, and useful, but we cannot guarantee them to be perfect. When we discover errors or omissions, or they are brought to our attention, we endeavor to correct them in succeeding releases of the product.

Support Contacts

Contact Method	Contact Information	
Address	Gemalto 4690 Millennium Drive Belcamp, Maryland 21017, USA	
Phone	US	1-800-545-6608
	International	1-410-931-7520
Technical Support Customer Portal	https://serviceportal.safenet-inc.com Existing customers with a Technical Support Customer Portal account can log in to manage incidents, get the latest software upgrades, and access the Gemalto Knowledge Base.	