



# Luna Crypto Command Center 1.1

## CUSTOMER RELEASE NOTES

**Document part number:** 007-012333-001 Revision A

**Release notes issued on:** 16 September 2013

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

[http://www.securedbysafenet.com/releasenotes/luna/crn\\_luna\\_ccc\\_1-1.pdf](http://www.securedbysafenet.com/releasenotes/luna/crn_luna_ccc_1-1.pdf)

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## Product Description

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Crypto Command Center is a web-based application provides centralized management of your HSM infrastructure and streamlined HSM resource deployment. With Crypto Command Center, you can place multiple HSMs into a common device pool, and then make selected partitions on those HSMs available, on an on-demand basis, to any organizational group of users you define that require HSM access. For each organization, you configure the list of HSM resources available to its users and the HSM configurations available to those users.

Crypto Command Center provides an administrative interface and a user interface:

- the administrative interface is used by the organization responsible for managing your HSM infrastructure.
- the user interface is used by the consuming organizations to select and deploy the HSM resource available to them.

## Release Description

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Crypto Command Center Release 1.1 is a standard quarterly release that fixes defects present in previous releases and introduces several new usability improvements, as outlined in "New Features and Enhancements" on page 2.

## New Features and Enhancements

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Crypto Command Center 1.1 provides the following new functionality:

### Simplified Installation and Configuration

A new configuration script automates the configuration of the Crypto Command Center server.

### Automatic Configuration of the Device Attributes

The device attributes are automatically populated in Crypto Command Center when the device is added to a device pool. A **Refresh** button is also provided to update the device configuration after the application of a capability update.

## Compatibility and Upgrade Information

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This section lists the upgrade paths for this release, supported hardware and software, and managed devices.

### Upgrade Paths

You must upgrade the following software components to upgrade to this release from a previous release:

Component	From version...	To version...
Crypto Command Center server software	1.0	1.1

### Supported Luna Clients

Crypto Command Center 1.1 works with the Luna 5.2 or Luna 5.3 clients.

### Managed Devices

You can use Crypto Command Center 1.1 to manage the following devices:

Device	Supported releases	Supported firmware
Luna SA	5.2	6.10.1
	5.3	6.10.1 and 6.20.0

## Supported Browsers

You can access the Crypto Command Center server using any of the following browsers:

**Note** JavaScript must be enabled for Crypto Command Center to function correctly.

Browser	Supported releases
Google Chrome	28 or higher
Microsoft Internet Explorer	9 or higher
Mozilla Firefox	19.0 or higher

## Server Hardware Requirements

For optimal performance, ensure that the workstation you will be using as the Crypto Command Center server meets or exceeds the following hardware requirements:

Component	Minimum required
CPU	Quad core, 2GHz
Ram	4GB
Free disk space	10Gb for the PostgreSQL database

## Server Software Requirements

The following software must be installed on the workstation you will be using as the Crypto Command Center server.

Software	Requirement
Operating system	CentOS 6+
Database	PostgreSQL version 8.1 or higher
Java	OpenJDK: Java 6 or Java 7 JDK Oracle: Java 7 JDK
Luna client	Luna G5 client version 5.2 or higher, including the Luna JC PROV software.

## Supported CCC Service Activation and Authentication HSMs

An HSM must be connected to the workstation you will be using as the Crypto Command Center server to authenticate attempts to start or restart the Crypto Command Center service. The following HSMs are supported:

Device	Supported releases	Supported firmware
Luna G5	5.2	6.10.1
	5.3	6.10.1 or 6.20.0

## Known Issues

This section lists the issues known to exist in the product at the time of release. The following table defines the severity of the issues listed in this section.

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

### List of known issues

Issue	Severity	Synopsis
(LHSM-6851) Idclient fails when attempting to register a Luna SA client with an HA group if any of the group members contain objects from another Idclient-registered client	M	<p><b>Problem:</b> If you attempt to use Idclient to register a Luna SA client with an HA group, and any of the members of the HA group already contain objects from another Luna SA client that was also registered using Idclient, Idclient will fail and the new client will not be registered.</p> <p><b>Workaround:</b> If you want to register multiple Luna SA clients to the same HA group, use Idclient to register all of the Luna SA clients with the HA group before using the HA group with your client applications.</p> <p>Alternatively, you can use the <b>vtl</b> utility to register the client with the HA group. This method will work even if the HA group already contain objects from another Luna SA client.</p>
(LHSM-6845) Resetting an HSM group service when a member of the HSM group is down	M	<p><b>Problem:</b> If one of the HSM group members is down when you attempt to reset a CCC service that is configured to use an HSM group (HA group), an error is displayed and the reset does not complete on all members of the HSM group, leaving the service in a inconsistent state. The state of the service remains as initialized even though the service was reset on some of the HSM group members.</p> <p><b>Workaround:</b> If you receive an error when attempting to reset a CCC service that is configured to use an HSM group, fix the issue with the HA group and attempt to reset the service again. The reset is successful if the state of the service is set to <b>Uninitialized</b>.</p>
(187042) Timeout error message not clear	M	<p><b>Problem:</b> If a timeout occurs during service initialization, the following error is displayed:</p> <p><b>(ERROR 2) Service initialization failed.-Unexpected failure. Please contact the system administrator</b></p> <p>This error does not indicate that the failure was due to a timeout.</p> <p><b>Workaround:</b> If service initialization times out, retry the operation.</p>
(186750) Idclient is slow to show a list of available services	M	<p><b>Problem:</b> The time Idclient takes to query available services currently depends on the number of released services. That means that this time will grow as the user consumes (and releases) more services. Current datapoint is 20 seconds for 50 services.</p> <p><b>Workaround:</b> None.</p>
(186485) Idclient accepts a blank hostname during certificate configuration	M	<p><b>Problem:</b> If you enter a blank hostname when configuring an Luna client certificate, the application will accept it as a valid identifier. This issue occurs if you choose the <b>Manually enter a different IP or hostname</b> option when prompted to select certificate type.</p> <p><b>Workaround:</b> Ensure that you enter a valid hostname when you configure your Luna client certificate. If you accidentally configure a certificate with a blank hostname, you can use the Luna client <b>vtl</b> utility to delete it.</p>

Issue	Severity	Synopsis
(185772) Idclient does not work if path to cert files is modified	M	<p><b>Problem:</b> If you change the certificate path configuration in the crystoki.ini (Windows) or Chrystoki.conf (Linux) from the default values, Idclient fails to find the certificate file and fails with a FileNotFoundException. The Idclient certificate path configuration is defined by the following statements:</p> <ul style="list-style-type: none"> <li>• ClientCertFile</li> <li>• ClientPrivKeyFile</li> </ul> <p><b>Workaround:</b> Do not change the certificate file path from its default.</p>
(185253) Idclient will fail if you attempt to authorize users and services from different organizations	L	<p><b>Problem:</b> All of the users for a specific Crypto Command Center client must belong to the same organization. If you attempt to use Idclient from the same machine to authorize users and services from different organizations, the operation will fail.</p> <p><b>Workaround:</b> Ensure that all users for a particular Crypto Command Center client belong to the same organization.</p>

## Technical Support Information

If you have questions or need additional assistance, contact Technical Support through the listings below:

Contact method	Contact information														
<b>Address</b>	SafeNet, Inc. 4690 Millennium Drive Belcamp, Maryland 21017 USA														
<b>Phone</b>	<table border="1"> <tr> <td>United States</td> <td>(800) 545-6608, (410) 931-7520</td> </tr> <tr> <td>Australia and New Zealand</td> <td>+1 410-931-7520</td> </tr> <tr> <td>China</td> <td>(86) 10 8851 9191</td> </tr> <tr> <td>France</td> <td>0825 341000</td> </tr> <tr> <td>Germany</td> <td>01803 7246269</td> </tr> <tr> <td>India</td> <td>+1 410-931-7520</td> </tr> <tr> <td>United Kingdom</td> <td>0870 7529200, +1 410 931-7520</td> </tr> </table>	United States	(800) 545-6608, (410) 931-7520	Australia and New Zealand	+1 410-931-7520	China	(86) 10 8851 9191	France	0825 341000	Germany	01803 7246269	India	+1 410-931-7520	United Kingdom	0870 7529200, +1 410 931-7520
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Germany	01803 7246269														
India	+1 410-931-7520														
United Kingdom	0870 7529200, +1 410 931-7520														
<b>Email</b>	support@safenet-inc.com														
<b>Web</b>	<a href="http://www.safenet-inc.com/Support">www.safenet-inc.com/Support</a>														
<b>Support and Downloads</b>	<a href="http://www.safenet-inc.com/Support">www.safenet-inc.com/Support</a> Provides access to the SafeNet Knowledge Base and quick downloads for various products.														
<b>Customer Connection Center</b>	<a href="http://c3.safenet-inc.com">c3.safenet-inc.com</a> Existing customers with a Customer Connection Center account can log in to manage incidents, get the latest software upgrades, and access the SafeNet Knowledge Base.														

## Trademarks and Disclaimer

Although we have attempted to make this document as complete, accurate, and useful as possible, we cannot guarantee its contents. Errors or omissions will be corrected, as they are identified, in succeeding releases of the product. Information is subject to change without notice.

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