STORMSHIELD

STORMSHIELD NETWORK CENTRALIZED MANAGER

RELEASE NOTES

Version 1.6

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In the documentation, Stormshield Network Centralized Manager is referred to in its short form: SNCM.

This document is not exhaustive and minor changes may have been included in this version.

New features in version 1.6.12

IMPORTANT
Upgrading to SNCM version 1.6.12 can only be done from version 1.6.10.

Updating the product requires a modification of the file that tracks the update. You need to edit the file */etc/ubi-updates/* to add a line at the end and enter the number **20170420**.

Device management

Firmware version 3.5 and upper

The new version of SNCM includes an update of the connection module with the Stormshield Network Security range devices. This module ensures compatibility with Stormshield Network Security firmware versions higher than version 3.5.

Version 1.6.12 bug fixes

Device management

Support reference 70738

Access to ARMv7 devices

It was no longer possible to connect to Stormshield Network Security devices based on the new ARMv7 technology. This anomaly has been corrected by integrating an update of the connection module with the equipment of the range.

Configuration management

Support reference 70202

Restore of configuration

Improvements in version 3.5 of Stormshield Network Security on configuration restoration required a patch. This patch impacts the function of building the configuration archive that is sent to the devices.

Compatibility

The following components are compatible with SNCM version 1.6.12.

Compatibility with Stormshield programs

- Stormshield Network Security version 2.x and 3.x
- NETASQ version 9.x

Compatibility with Stormshield firewalls

- Stormshield SN and Virtual Appliance series
- NETASQ NGXK, U-S and Virtual Appliance series

Known Issues

The up-to-date list of the known issues related to this SNCM version is available on the Stormshield **Knowledge base**. To connect to the Knowledge base, use your **MyStormshield** customer area identifiers.

Documentation resources

The following technical documentation resources are available in the documentation base on the **Stormshield technical documentation** website or on the Stormshield **Institute** website. We suggest that you rely on these resources for a better application of all features in this version.

Guides

- Installation Guide
- User Guide

Downloading this version

Going to your MyStormshield personal area

You need to go to your MyStormshield personal area in order to download the 1.6.12 version of Stormshield Network Centralized Manager:

1. Log in to MyStormshield with your personal identifiers.
2. In the left panel, select **Downloads**.
3. In the right panel, select the relevant product and version.

Checking the integrity of the binary files

To check the integrity of Stormshield Network Centralized Manager binary files:

1. Enter one of the following commands and replace `filename` by the name of the file you want to check:
   - Linux operating system: `sha256sum filename`
   - Windows operating system: `CertUtil -hashfile filename SHA256`
2. Compare with hashes provided on MyStormshield personal area, section **Downloads**.

Previous versions of Stormshield Network Centralized Manager 1.6

In this section, you will find new features, resolved vulnerabilities and fixes from previous versions of Stormshield Network Centralized Manager 1.6.

1.6.10			Bug fixes
1.6.9			Bug fixes
1.6.8		Resolved vulnerabilities	Bug fixes
1.6.7			Bug fixes
1.6.6			Bug fixes
1.6.5			Bug fixes
1.6.4		Resolved vulnerabilities	
1.6.3	New features		Bug fixes

Version 1.6.10 bug fixes

Device management

Support reference 0061133

VPN encryption profiles

VPN configurations calculation included as many encryption profiles as VPN peers. Because of this duplication, the device specified as the center of the star topology could sometimes be overloaded. This issue has been fixed. Only the number of encryption profiles required by the VPN topologies defined in the graphical interface is now included in the calculation.

Version 1.6.9 bug fixes

System management

Support references 61245, 61244 and 61243

Stormshield Network Centralized Manager license management

Adding devices and updating the SNCM server failed after the certificate revocation list involved in the SNCM server license management expired. This issue has been fixed by removing the usage of the certificate revocation list in the SNCM server license management.

Resolved vulnerabilities from version 1.6.8

The vulnerability CVE-2016-5195 (Kernel Local Privilege Escalation) has been fixed. It allowed non-root users to obtain certain privileges and cause a denial of service on all firewalls managed by SNCM. Details on this CVE-2016-5195 vulnerability can be found on our website https://advisories.stormshield.eu.

Version 1.6.8 bug fixes

Device management

Support reference 54141

Missing monitoring graphs

Certain competing processes in the device management module would lead to conflicts between monitoring files. This anomaly of missing monitoring graphs has been fixed.

Support reference 54143

Wrong availability data

Wrong information was provided about availability in the general information of device statistics. This anomaly was fixed by homogenizing calculations between device statistics and the availability data of individual devices.

Version 1.6.7 bug fixes

Device management

Support reference 56156

Forcing cluster VPN updates to be tracked

Tracking information about updates on a slave appliance would only be displayed if the cluster was in a VPN. This anomaly has been fixed.

Device monitoring

Support reference 56155

Competing access on devices

Under certain conditions, configuration update commands would cause competing monitoring commands to shut down, thereby causing the loss of monitoring data. The management of competing access has been enhanced in order to fix this anomaly.

Version 1.6.6 bug fixes

Device management

Support reference 55153

Ineffective cluster updates

Under certain conditions, some devices attached to a modified VPN profile would not be updated. This anomaly has been fixed.

Version 1.6.5 bug fixes

Device monitoring

Support reference 52986

Memory leaks in the monitoring module

A memory leak was detected in the monitoring module on devices, and has since been fixed.

Support reference 52987

nsrpc connections on reserved ports

Under certain conditions, whenever a connection was opened to update a device, it would attempt to use a port reserved by the device monitoring module. This anomaly has been fixed.

Device management

Support reference 54362

Disabled change tracking

The comparison of two versions using change tracking would not display any data. This anomaly has been fixed.

Support reference 52851

Blank monitoring graphs

The anomaly of blank monitoring graphs has been fixed.

Resolved vulnerabilities from version 1.6.4

Manager authentication

Support reference 54356

Access allowed for all passwords

The password verification function would be disabled whenever the identifier was the same as the name associated with the manager's account. This vulnerability has been fixed.

New features in version 1.6.3

SNS firmware support

SNCM can now manage devices that use SNS firmware.

> **NOTE**
> The staging function only works for devices sold with SNS firmware.

Version 1.6.3 bug fixes

VPN profiles

Support reference 41459

Management of traffic endpoint conflicts

The screen providing a summary of a VPN profile would show traffic endpoint conflicts even though there were none. This anomaly has been fixed.

Device management

Support references 42561 44562

Dynamic IP address modification

An error in the management of dynamic changes to a device's IP address would cause the IP address to be modified with wrong values. This anomaly has been fixed.

Support reference 47586

Device replacement management

During the device exchange procedure following a replacement, whenever the configuration was updated, checks on the serial number would prevent the device from being reactivated. The device activation function now no longer checks the serial number of the device to be activated.

Support reference 52595

Wrong configuration file

Under certain conditions, the configuration file generator on devices would create the wrong files. The component used in building configuration files has been updated in order to fix this anomaly.

Support reference 50069

Unexecuted scheduled tasks

Periodic scheduled tasks would run only once. This anomaly has been fixed.

Device monitoring

Support reference 52851

Disabled reporting of monitoring information

Under certain conditions, monitoring information would not be effectively gathered. Devices' operational statuses would no longer be calculated and monitoring curves would no longer provide any data. This anomaly was fixed by monitoring the status of the information gathering module instead, in order to detect any instability and restart it as a result.

System management

Support reference 51252

Modification of the SNCM MTU

Changes to the MTU value of SNCM network interfaces were not applied. This anomaly has been fixed.

Support reference 52410

OpenSSL update

The OpenSSL version has been updated.

Contact

To contact our Technical Assistance Center (TAC) Stormshield:

- https://mystormshield.eu/

All requests to technical support must be submitted through the incident manager in the private-access area https://mystormshield.eu, under **Technical support** > **Report an incident / Follow up on an incident**.

- +33 (0) 9 69 329 129

In order for us to provide high-quality service, you are advised to use this communication method only to follow up on incidents that have been created earlier on https://mystormshield.eu.

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