



Netcrypt Bulk Encryptor Software Version 1.3.8 Release Note

Overview

Introduction

This release note contains the following information:

- Descriptions of the new features introduced with this software release
- Information you need to prepare for an upgrade to Netcrypt™ software version 1.3.8
- The list of software applications that make up Netcrypt software version 1.3.8
- General information on contacting us for technical support

Scope

This release note provides an executive overview of software release 1.3.8. If you have questions about this release or require more detailed information, contact Cisco Services.

Audience

This release note is written for system operators, sales and program managers, and field technicians.

Document Version

This is the second formal release of this document. In addition to minor text and graphic changes, the release version has been changed to 1.3.8.

About This Software Version

Netcrypt software version 1.3.8 includes features and enhancements implemented at the request of our customers. Review this section to learn more about these changes.

Note: For more information about a Netcrypt, such as theory of operation, instructions for hardware installation, provisioning, or operation, refer to *Netcrypt Bulk Encryptor for Explorer Controller Hardware Installation and Configuration Guide* (part number OL-28808).

What's New in this Release?

Setting PSI Rates for Netcrypt Ports

You can use the `psi_rate` craft command to override the provisioned PAT and PMT rates for each port on the Netcrypt.

The 'help `psi_rate`' craft command returns:

```
NC_HOST>help psi_rate
```

Description:

```
Set/Display the PSI override rate value for a port
```

Command Parameter Entry:

```
Parameters listed with hex_ are hexadecimal, and are entered like 0x1f.
```

```
Parameters listed with dec_ are decimal and are entered like 105.
```

Usage:

```
psi_rate [port_or_all rate] [port_or_all rate] ...
```

```
port is 0 to 3 or all, and rate is 1000 to 15000 or 0 for provisioned value
```

PSI Rate Examples

```
psi_rate 0 3000
```

This sets only port 0 to 3000.

```
psi_rate all 2000
```

This sets all ports to 2000.

```
psi_rate all 2500 3 4000
```

This sets ports 0, 1, and 2 to 2500, and port 3 to 4000.

Notes:

- All [port rate] pairs are processed left to right.

- The port settings are lost on a reboot or power cycle, unless set by the Autoexec feature.

Applications Included in this Release

Netcrypt software version 1.3.8 includes the following software applications:

- Netcrypt Host Application code 1.3.8
- Netcrypt Host Boot code 1.3.8
- Netcrypt Input Application code 1.3.8
- Netcrypt Input Boot code 1.3.8
- Netcrypt Output Application code 1.3.8
- Netcrypt Output Boot code 1.3.8
- Field Programmable Gate Array (FPGA) code 16.8

Compatible Tools

To install and maintain Netcrypt software version 1.3.8, use the tools included in *DBDS Utilities Version 6.5 Installation Instructions and User Guide* (part number OL-27820).

Installation Media

Netcrypt software version 1.3.8 can be obtained from Cisco.com.

For instructions on downloading software from Cisco.com, refer to *Netcrypt Bulk Encryptor for Explorer Controller Hardware Installation and Configuration Guide* (part number OL-28808).

What Are the Site Requirements?

This section includes important information to help you ensure that your site is prepared to upgrade to this software version. Please read this entire section before you upgrade to Netcrypt software version 1.3.8.

System Release Compatibility and Prerequisites

Netcrypt software version 1.3.8 has been tested with the following DNCS/EC system releases:

- SR 5.0
- SR 5.1
- SR 6.0

For a complete configuration listing, or to upgrade your system, contact Cisco Services.

Software Requirements

To upgrade a Netcrypt Bulk Encryptor with this software version, Netcrypt software version 1.3.7 or greater must be installed on the Netcrypt Bulk Encryptor.

Hardware Requirements

Install Netcrypt software version 1.3.8 on only a Netcrypt Bulk Encryptor chassis (part number 800-4007553-001-01).

Known Issues

This software product currently has no known issues.

Bug Search Tool

The Bug Search Tool is an online tool that allows registered users to search for bugs by release or by a bug number.

To log on to the Bug Search Tool, go to **<https://tools.cisco.com/bugsearch>**, and log on with your user name and password. The Bug Search Tool page opens.

Note: If you have not set up an account on www.cisco.com, click **Register Now** and follow the on-screen instructions to register.

Search for Bugs in This Release

- 1 In the product type-in field (to the right of the product drop-down box), type **Netcrypt**. Then select **Netcrypt** from the list that appears. (Do *not* press **Enter**.)
- 2 In the Releases field, type **1.3.8** and press **Enter**. The Bug Search Tool displays the list of bugs for this release. You can use the filters to restrict the bugs that you want to view.
- 3 If you want to view a specific bug, enter the ID of the bug you want to view in the **Search For** field and press **Enter**.

For Information

If You Have Questions

If you have technical questions, contact Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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