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Purpose

This document describes the operation and functions of the Management Console for Cisco Video Surveillance Storage System components.

Audience

This document is intended for Cisco Service Engineers and Cisco Video Surveillance Storage System Administrators.

Revision History

Table 1 **Revision History**

Date	Change Summary
February, 2012	Initial draft.

Table 1 **Revision History (continued)**

Date	Change Summary
April, 2013	<ul style="list-style-type: none"> Added the “Integrating External Storage Volumes Into Cisco VSM” section for Release 7.0 and 7.0.1 and the Cisco Multiservices Platform (Cisco MSP) servers. Added notes stating that “Only SATA disk drives are supported with the Cisco Video Surveillance Storage System. SAS, SSD and iSCSI are not supported.”
December, 2013	<p>Revised the “Integrating External Storage Volumes Into Cisco VSM” for release 7.2 and the Cisco Connected Safety and Security UCS Platform Series servers.</p> <p>Revised storage support notes to specify that “SAS drives are not supported with the Cisco Video Surveillance Storage System. iSCSI is supported on Cisco Video Surveillance Systems (VSM) deployed as a Virtual Machine for VSM releases 7.2 or higher.”</p>

Organization

Chapter	Description
Chapter 1, “Basic Setup”	Describes the features accessible from the QuickStart page.
Chapter 2, “Quick Start”	Describes a Product description, the Getting Started procedures, and the QuickStart Configuration Checklist to configure your system. Also includes instructions to integrate the external storage system in the Cisco Video Surveillance system.
Chapter 3, “Home Screen”	Describes the features accessible from the Home Screen page.
Chapter 4, “RAID Information”	Describes the features accessible from the RAID Information page.
Chapter 5, “System Information”	Describes the features accessible from the System Information page.
Chapter 6, “Configure RAID”	Describes the features accessible from the RAID Configuration page.
Chapter 7, “Volume Configuration”	Describes the features accessible from the Volume Configuration page.
Chapter 8, “Host Access Configuration”	Describes the features accessible from the Host Access Configuration page.
Chapter 9, “Power Settings”	Describes the features accessible from the Power Settings page.
Chapter 10, “System Administration”	Describes the features accessible from the System Administration page.
Chapter 11, “Network Configuration”	Describes the features accessible from the Network Configuration page.
Chapter 12, “Technical Support”	Explains how to contact Cisco Technical Support.
Appendix A, “RAID Levels”	Describes the RAID levels available on Cisco Video Surveillance Storage System components.
Appendix B, “AutoMAID”	Describes AutoMAID power saving technology.

Safety Precautions

This manual covers safety precautions for the Cisco Video Surveillance Storage System, including the CPS-SS-4RU and the CPS-SS-4RU-EX.

Cisco Video Surveillance Storage System products contain hazardous materials:

- Only Trained Operators may remove certain field-replaceable units (FRU's).
- Only trained Service Engineers are authorized to disassemble any other part of the unit, and only when the unit is powered off.

**Caution****Static Charge Precautions**

Computer components and disk s are sensitive to static charge. Take precautions to earth any electrostatic charge from your person before and while handling components with your hands or any tools. Please use the anti-static wrist-strap shipped with each Cisco Video Surveillance Storage System product.

**Caution****Lifting Precautions**

Ensure correct lifting methods are used when handling Cisco Video Surveillance Storage System products. Special care should be taken when removing Cisco Video Surveillance Storage System products from their packaging and positioning them into their operational location.

**Caution****Securing Rack Mounts**

Ensure the mounting rack is stable with wall anchors and/or stabilizing legs, and that the floor supporting the rack has sufficient strength for the overall weight loading.

**Caution****Rack-mounting Cisco Video Surveillance Storage System Components**

When installing Cisco Video Surveillance Storage System products as rack-mounted components, ensure that all Cisco-supplied mounting fixtures are secure. **DO NOT** mount any unit exclusively by the front ears. All bolts and screws should be fully tightened. Failure to comply with this may result in a Cisco Video Surveillance Storage System unit not being fully supported in the rack and could lead to the product dropping out of the rack causing personal injury or falling onto other rack components.

**Warning**

Cisco Video Surveillance Storage System products contain hazardous materials. Only a Trained Operator may remove certain field-replaceable units (FRU's). Only trained Service Engineers are authorized to disassemble any other part of the unit, and only when the unit is powered off.

**Warning**

There are multiple power connections. Remove all power leads completely to isolate the power. Always use the IEC power cords supplied with Cisco Video Surveillance Storage System products.

**Warning**

THERE IS RISK OF EXPLOSION IF BATTERY IS REPLACED WITH INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS PRINTED ON THE BATTERY, OR IN COMPLIANCE WITH LOCAL REGULATIONS.

Conventions

Convention	Indication
bold font	Commands and keywords and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	Elements in square brackets are optional.
{ x y z }	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
courier font	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

Means *reader take note*.



Tip

Means *the following information will help you solve a problem*.



Caution

Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.



Timesaver

Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning

IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071

Related Documentation

Use one of the following methods to access the Cisco Video Surveillance (Cisco VSM) documentation:

- Refer to the following documents for instructions to install and administer the Cisco Video Surveillance Storage System (CPS-SS-4RU and CPS-SS-4RU-EX).
 - [Cisco Video Surveillance Storage System \(main documentation page\)](#)
 - [Data Sheet](#)
 - [Installation Guide](#)
 - [Administration Guide \(this guide\)](#)
- Go to the [Cisco Video Surveillance documentation web site](#).
- See the [Cisco Video Surveillance 7 Documentation Roadmap](#) for descriptions and links to Cisco Video Surveillance documentation, server and storage platform documentation, and other related documentation.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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