Preface

Published: May 24, 2016

This document describes the data migration process from Cisco Secure Access Control System (ACS) Releases 3.x and 4.x to Cisco Secure ACS Release 5.8. ACS 5.8 provides many new features and functionality.

There are several differences between ACS 3.x and 4.x and ACS 5.8 platforms. You should clearly understand these differences before attempting to migrate to ACS 5.8. This document highlights these differences and provides guidance on how to migrate your ACS 3.x and 4.x configuration to ACS 5.8.

In addition to understanding the information in this document, Cisco recommends that you perform a thorough evaluation of the ACS 5.x platform.

Audience

This guide is for administrators who want to migrate to the ACS 5.8 platform.

Organization

This guide includes the following sections:

Title	Description
ACS 5.8 Deployment Overview, page 1	Provides an overview of the ACS 5.8 deployment model in comparison with ACS 3.x and 4.x.
Understanding ACS 5.8 Configuration, page 1	Explains the configuration areas in ACS 5.8 in comparison with ACS 3.x and 4.x, to help understand how older configurations can be converted to ACS 5.8.
Configuration Migration Methods in ACS 5.8, page 1	Describes different methods to migrate the configuration from existing systems to ACS 5.8.
ACS 5.8 Migration Utility Support, page 1	Describes the scope of migration using the Migration Utility.
Migration Utility Setup and Installation, page 1	Describes system requirements, preinstallation considerations, and how to access the Migration Utility.
Using the Migration Utility to Migrate Data from ACS 4.x to ACS 5.8, page 1	Describes the data migration process in various phases using the Migration Utility.
ACS 5.8 Attribute Support in the Migration Utility	Describes attribute migration from ACS 4.x to ACS 5.8.
Configuration Mapping from ACS 3.x and 4.x to ACS 5.8	Provides configuration mapping from ACS 3.x and 4.x to ACS 5.8
Feature Comparison of ACS 3.x and 4.x with ACS 5.8	Provides detailed feature comparison of ACS 3.x and 4.x to ACS 5.8
Troubleshooting the Migration Utility	Describes how to troubleshoot the Migration Utility.

How to Use This Document

The following chapters and appendices contain instructions to migrate to ACS 5.8 from earlier releases:

- See Feature Comparison of ACS 3.x and 4.x with ACS 5.8 to ensure that all the key features for your deployment are met in ACS 5.8.

- See ACS 5.8 Deployment Overview, page 1 to understand the ACS 5.8 system level details such as platform support, the distributed deployment model, and system interfaces.

- See Understanding ACS 5.8 Configuration, page 1 to understand the key functional and configuration differences in ACS 5.8, and for specific configuration recommendations and examples.

- See Configuration Migration Methods in ACS 5.8, page 1 to understand the approaches for migrating an existing configuration.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands, keywords, and user-entered text appear in **bold** font.
italic font	Document titles, new or emphasized terms, and arguments for which you supply values are in *italic* font.
[ ]	Square brackets can indicate one of the following: ■ An optional element. ■ Default responses to system prompts.
{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 `courier` font.
< >	Nonprinting characters such as passwords are in angle 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*. Notes contain helpful suggestions or references to material not covered in the manual.

Documentation Updates

Table 1 on page 3 lists the updates to the *Migration Guide for Cisco Secure Access Control System 5.8*.

Table 1   Updates to the Migration Guide for Cisco Secure Access Control System 5.8

Date	Description
09/29/2015	Cisco Secure Access Control System, Release 5.8.

Product Documentation

Note: It is possible for the printed and electronic documentation to be updated after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

Table 2 on page 3 lists the product documentation that is available for ACS 5.8. To find end-user documentation for all the products on Cisco.com, go to: http://www.cisco.com/go/techdocs

Choose **Products > Security > Access Control and Policy > Policy and Access Management > Cisco Secure Access Control System**.

Table 2   Product Documentation

Document Title	Available Formats
Cisco Secure Access Control System In-Box Documentation and China RoHS Pointer Card	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-documentation-roadmaps-list.html
User Guide for Cisco Secure Access Control System 5.8	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-user-guide-list.html
CLI Reference Guide for Cisco Secure Access Control System 5.8	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-command-reference-list.html
Supported and Interoperable Devices and Software for Cisco Secure Access Control System 5.8	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-device-support-tables-list.html
Installation and Upgrade Guide for Cisco Secure Access Control System 5.8	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-installation-guides-list.html
Release Notes for Cisco Secure Access Control System 5.8	http://www.cisco.com/c/en/us/support/security/secure-access-control-system/products-release-notes-list.html
Regulatory Compliance and Safety Information for Cisco Secure Access Control System	http://www.cisco.com/c/en/us/td/docs/net_mgmt/cisco_secure_access_control_system/5-6/regulatory/compliance/csacsrcsi.html

Related Documentation

Note: It is possible for the printed and electronic documentation to be updated after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

Table 3 on page 4 lists the related documentation that is available for ACS 4.x.

Table 3   Related Documentation

Document Title	Available Formats
Installation Guide for Cisco Secure ACS for Windows 4.0	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-installation-guides-list.html
User Guide for Cisco Secure Access Control Server for Windows 4.0	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-user-guide-list.html
Installation Guide for Cisco Secure ACS for Windows 4.x	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-installation-guides-list.html
User Guide for Cisco Secure Access Control Server for Windows 4.1	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-user-guide-list.html
Installation Guide for Cisco Secure ACS for Windows 4.2	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-installation-guides-list.html
User Guide for Cisco Secure Access Control Server for Windows 4.2	http://www.cisco.com/c/en/us/support/security/secure-access-control-server-windows/products-user-guide-list.html

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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