



Preface

Revised: March 2014

This preface describes the objectives, audience, organization, and conventions used in this guide and describes related documents that have additional information. It contains the following sections:

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Objective

Scope

This guide provides an overview of Cisco Application Visibility and Control (AVC) and explains how to configure various Cisco AVC features for routers operating Cisco IOS or Cisco IOS XE.

Some information may not apply to your particular router model.

This guide does not provide step-by-step setup procedures for operating AVC with each management and reporting package. Refer to the documentation for your management and reporting tools, such as Cisco Prime Infrastructure or third-party tools, for step-by-step setup information.

Audience

This guide is intended for Cisco equipment providers, partners, and networking teams who are technically knowledgeable and familiar with Cisco routers and Cisco IOS software and features.

Organization

This guide is organized into the following sections.

Table 1 **Organization**

Chapter	Name	Description
Chapter 1	Business Overview	Describes how the Cisco AVC solution can address challenges faced by enterprise network administrators.
Chapter 2	Technology Overview	Overview of the Cisco AVC solution, including benefits, features, architecture, and interoperability.
Chapter 3	AVC Licensing and Feature Activation	Describes Cisco AVC licensing and feature activation, including temporary feature activation without a license.
Chapter 4	AVC Configuration	Describes configuration within the Cisco AVC solution, including examples.
Chapter 5	Troubleshooting	Procedures for resolving configuration issues.
Chapter 6	AVC Notes, Limitations, and Caveats	Important limitations and caveats.
Appendix A	AVC Supported Platforms and Interfaces	Platforms that support Cisco AVC, and interfaces that AVC supports.
Appendix B	AVC Feature History	Highlights of new features and optimizations in recent AVC releases.
Appendix C	References	Related documentation.
Glossary	Glossary	Glossary of terms used in this guide.

Conventions

[Table 2](#) lists the command conventions used in this documentations to convey instructions and information.

Table 2 **Command Conventions**

Convention	Description
bold font	Commands and keywords.
<i>italic font</i>	Variables for which you supply values.
[]	Optional keywords or arguments appear in square brackets.
{ x y z }	Choice of required keywords appear in braces separated by vertical bars. You have to select one.
screen font	Examples of information displayed on the screen.
boldface screen font	Examples of information you have to enter.
< >	Nonprinting characters, for example: passwords, appear in angle brackets in contexts where italics are not available.
[]	Default responses to system prompts appear in square brackets.

**Note**

Means *reader take note*. Notes contain helpful suggestions or references to additional information and material.

**Caution**

This symbol means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

**Tip**

Means *the following information will help you solve a problem*. The tips information might not be troubleshooting or even an action, but could be useful information, similar to a Timesaver.

Related Documentation

For more information, see [Appendix C, “References,”](#) or see:

<http://www.cisco.com/go/avc>

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:

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

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