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Purpose

This guide provides a developer, system or network administrator, or system integrator basic guidelines for using the outlined APIs in a Cisco ISE deployment.

The External RESTful Services API and related API calls can be used to perform CRUD (Create, Read, Update, Delete) operations on Cisco ISE resources. The External RESTful Services API is based on HTTP protocol and REST methodology.



Note

This guide is not intended to replace *Cisco Identity Services Engine User Guide, Release 1.2*. For more information about a Cisco ISE network, its nodes and personas, concepts of operation or usage, and how to use the Cisco ISE user interface, see *Cisco Identity Services Engine User Guide, Release 1.2*.

Audience

This guide is intended for experienced network administrators who administer Cisco ISE appliances, system integrators who want to make use of the APIs, and third-party partners who are responsible for managing and troubleshooting Cisco ISE deployments. As a prerequisite to using it, you should have a basic understanding of troubleshooting and diagnostic practices and how to make and interpret API calls.

Document Organization

- Part 1—Monitoring REST APIs
 - [Chapter 1, “Introduction to the Monitoring REST API”](#)

- Chapter 2, “Using API Calls for Session Management”
- Chapter 3, “Using API Calls for Troubleshooting”
- Chapter 4, “Using Change of Authorization REST APIs”
- Part 2—External RESTful Services API
 - Chapter 5, “Introduction to External RESTful Services API”
 - Chapter 6, “External RESTful Services Calls”
- Reference
 - Appendix A, “Using the Failure Reasons Report”

Document Conventions



Note

Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in the manual.

Convention	Item
bold	Commands, keywords, and user-entered text as well as tab and button names in procedural text appear in bold font.
<i>italic</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic</i> font.
<code>courier</code>	Terminal sessions and information the system displays is in courier (monospace, fixed-width) font.
>	A right-angle bracket (>) surrounded by spaces is used to separate options in a menu path.
< >	In examples that do not allow italics, such as ASCII output, arguments for which you must supply a value appear in angle brackets.

Related Documentation

- [Release-Specific Documentation](#), page ix
- [Platform-Specific Documentation](#), page ix



Note

Updates to printed and electronic documentation can be found at <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

Release-Specific Documentation

Table 1 Product Documentation for Cisco Identity Services Engine

Document Title	Location
<i>Release Notes for the Cisco Identity Services Engine, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/prod_release_notes_list.html
<i>Cisco Identity Services Engine Network Component Compatibility, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/products_device_support_tables_list.html
<i>Cisco Identity Services Engine User Guide, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/products_user_guide_list.html
<i>Cisco Identity Services Engine Hardware Installation Guide, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/prod_installation_guides_list.html
<i>Cisco Identity Services Engine, Release 1.2 Migration Tool Guide</i>	http://www.cisco.com/en/US/products/ps11640/prod_installation_guides_list.html
<i>Cisco Identity Services Engine Sponsor Portal User Guide, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/products_user_guide_list.html
<i>Cisco Identity Services Engine CLI Reference Guide, Release 1.2</i>	http://www.cisco.com/en/US/products/ps11640/prod_command_reference_list.html
Cisco Identity Services Engine Troubleshooting Guide, Release 1.2	http://www.cisco.com/en/US/products/ps11640/prod_troubleshooting_guides_list.html
<i>Regulatory Compliance and Safety Information for Cisco Identity Services Engine, Cisco 1121 Secure Access Control System, Cisco NAC Appliance, Cisco NAC Guest Server, and Cisco NAC Profiler</i>	http://www.cisco.com/en/US/products/ps11640/prod_installation_guides_list.html
Cisco Identity Services Engine In-Box Documentation and China RoHS Pointer Card	http://www.cisco.com/en/US/products/ps11640/products_documentation_roadmaps_list.html

Platform-Specific Documentation

- Cisco ISE
<http://www.cisco.com/en/US/products/ps11640/index.html>
- Cisco Secure Access Control Server (ACS)
http://www.cisco.com/en/US/products/ps9911/tsd_products_support_series_home.html
- Cisco NAC Appliance
http://www.cisco.com/en/US/products/ps6128/tsd_products_support_series_home.html
- Cisco NAC Profiler
http://www.cisco.com/en/US/products/ps8464/tsd_products_support_series_home.html
- Cisco NAC Guest Server
http://www.cisco.com/en/US/products/ps10160/tsd_products_support_series_home.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.