

RADIUS Interim Update at Call Connect

The RADIUS Interim Update at Call Connect feature generates an additional accounting record that provides the call connection timestamp for the billing server.

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Information About RADIUS Interim Update at Call Connect

When the RADIUS Interim Update at Call Connect feature enabled, Cisco IOS software generates and sends an additional updated interim accounting record to the accounting server when a call leg is connected. A call leg is a distinct segment of a call connection in a voice over IP (VOIP) network that is a logical connection between the router and either a telephony endpoint over a bearer channel, or another endpoint using a session protocol. All attributes (for example, h323-connect-time and backward-call-indicators) available at the time of call connection are sent through this interim updated accounting record.

How to Enable RADIUS Interim Update at Call Connect Feature

Perform the following task to enable the Cisco IOS to generate and send an additional updated interim accounting record to the accounting server when a call leg is connected.

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **aaa new-model**
4. **gw-accounting aaa**
5. **aaa accounting update newinfo**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	**enable** **Example:** `Router> enable`	Enables privileged EXEC mode. • Enter your password if prompted.
Step 2	**configure terminal** **Example:** `Router# configure terminal`	Enters global configuration mode.
Step 3	**aaa new-model** **Example:** `Router(config)# aaa new-model`	Enables the authentication, authorization, and accounting (AAA).
Step 4	**gw-accounting aaa** **Example:** `Router(config)# gw-accounting aaa`	Enables an accounting through the AAA system and sends call detail records (CDRs) to the RADIUS server in the form of vendor-specific attributes (VSAs).
Step 5	**aaa accounting update newinfo** **Example:** `Router(config)# aaa accounting update newinfo`	Enables periodic interim accounting records to be sent to the accounting server whenever there is new accounting information to report relating to the user in question.

Additional References

The following sections provide references related to the RADIUS Interim Update at Call Connect feature.

Related Documents

Related Topic	Document Title
Authentication, Authorization, and Accounting (AAA)	Configuring Authentication , Configuring Authorization , and Configuring Accounting modules.
RADIUS Vendor-Specific Attributes	RADIUS Vendor-Proprietary Attributes module.
Configuring Dynamic Prompts, Customizing Accounting Templates, and Directing AAA Requests for Voice Gateways	*Cisco IOS Dial Technologies Configuration Guide* , Release 12.4T and *Cisco IOS VPDN Configuration Guide* , Release 12.4T.

Standards

Standard	Title
None.	--

MIBs

MIB	MIBs Link
None.	To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL: http://www.cisco.com/go/mibs

RFCs

RFC	Title
RFC 2138	*Remote Authentication Dial In User Service (RADIUS)*
RFC 2139	*RADIUS Accounting*

Technical Assistance

Description	Link
The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies. To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) Feeds. Access to most tools on the Cisco Support website requires a Cisco.com user ID and password.	http://www.cisco.com/techsupport

Feature Information for RADIUS Interim Update at Call Connect

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Table 1: Feature Information for RADIUS Interim Update at Call Connect

Feature Name	Releases	Feature Information
RADIUS Interim Update at Call Connect	Cisco IOS XE Release 3.9S	The RADIUS Interim Update at Call Connect feature generates an additional accounting record that provides the call connection timestamp for the billing server. The following commands were introduced or modified: **gw-accounting aaa** and **aaa accounting update**