

# How to Enable CMS Detailed Tracing via API

## Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Configure](#)

[Configure via Postman](#)

[Verify](#)

[Troubleshoot](#)

## Introduction

This document describes how to enable detailed tracing for Cisco Meeting Server (CMS) logs via Application Programming Interface (API). With this feature, the current detailed tracing available from web admin page, can now be enabled via management API as well.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- CMS configuration.
- API configuration.
- Postman configuration.

### Components Used

The information in this document is based on CMS version 3.2.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Configure

Step 1. Open CMS Graphical User Interface (GUI) and navigate to **Configuration > API**.

Step 2. From the list, select the parameter **/api/v1/system/timedLogging**.

Step 3. Select **View or edit**.

/api/v1/system/timedLogging ◀

View or edit

Table view

XML view

#### Object configuration

activeControl	0
activeSpeaker	0
api	0
bfcf	0
cameraControl	0
dns	0
events	0
ice	0
sip	0
tip	0
webBridge	0

Step 4. Modify the desired parameter and select **Modify**.

/api/v1/system/timedLogging

activeControl	<input checked="" type="checkbox"/>	600	- present	1
activeSpeaker	<input type="checkbox"/>	0	- present	
api	<input type="checkbox"/>	0	- present	
bfcf	<input checked="" type="checkbox"/>	600	- present	
cameraControl	<input type="checkbox"/>	0	- present	
dns	<input type="checkbox"/>	0	- present	
events	<input type="checkbox"/>	0	- present	
ice	<input type="checkbox"/>	0	- present	
sip	<input type="checkbox"/>	0	- present	
tip	<input type="checkbox"/>	0	- present	
webBridge	<input type="checkbox"/>	0	- present	

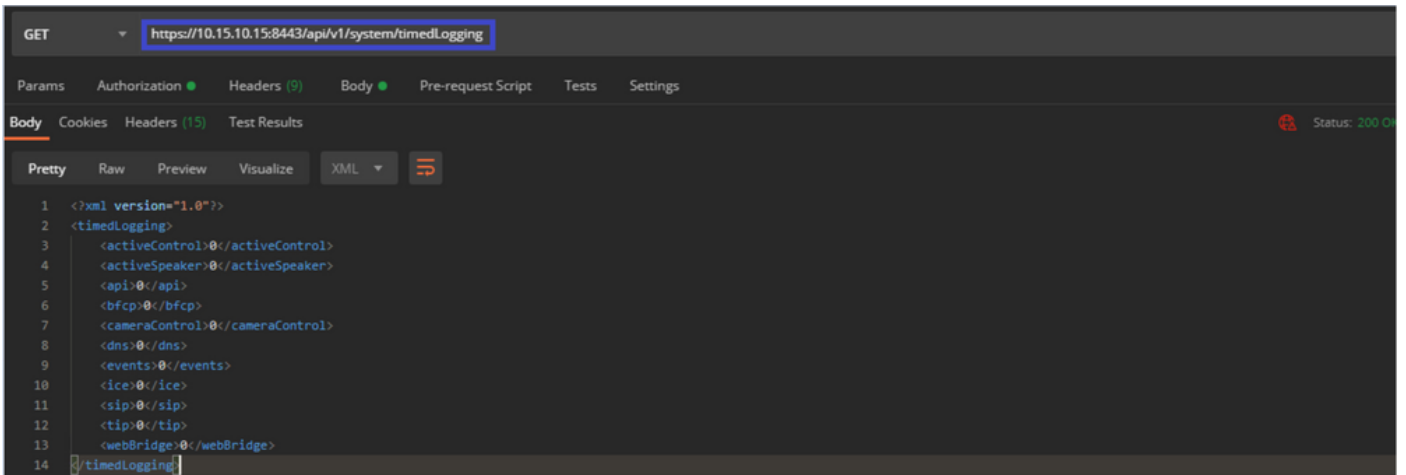
Modify 2

**Note:** The **timedLogging** parameter corresponds to the duration of seconds for which that logging subsystem is activated. Setting a parameter to 0 or to nothing deactivates a logging subsystem.

## Configure via Postman

Step 1. Open Postman configuration and connect to CMS.

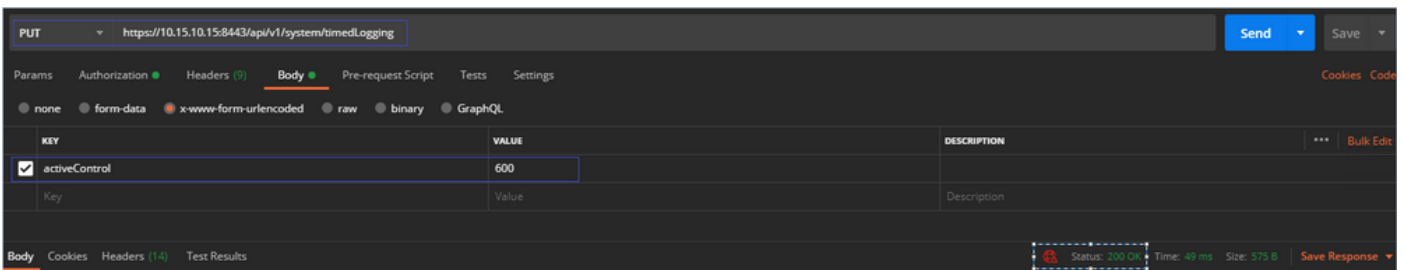
Step 2. Send a **GET** request to <https://CMS-IP:8443/api/v1/system/timedLogging>.



Step 3. Identify the parameter you want to change and copy the value. For example **activeControl**.

Step 4. Navigate to **Body** tab and paste the parameter copied on step 3, **activeControl**, into the **KEY** column.

Step 5. Configure the new value into **Value** column, and select the **PUT** method in order to send the request to <https://CMS-IP:8443/api/v1/system/timedLogging> as shown in the next image:



## Verify

Step 1. Navigate to **CMS > Logs > Detailed tracing**, and verify the debug is enabled.



Step 2. Once you enable the debugs, the CMS logs show the next lines:

Line 217707: Jul 3 15:01:22.811 user.info cms1 host:server: INFO : Active control tracing now enabled

Line 217708: Jul 3 15:01:42.994 user.info cms1 host:server: INFO : BFCP tracing now enabled

## Troubleshoot

There is currently no specific troubleshooting information available for this configuration.