# Troubleshoot CM Telephony Subsystem and Application Manager Service Partial Service Issue

# Contents

Introduction Prerequisites Requirements Components Used Background Information CM Telephony Subsystem Most Common Reasons Troubleshoot Application Manager Service Troubleshoot

### Introduction

This document describes how to troubleshoot the CM Telephony Subsystem and Application Service Partial Service issue.

### Prerequisites

#### Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Unified Contact Center Express (UCCX)
- Cisco Unified Communications Manager (CUCM)
- Real Time Monitoring Tool
- Real Time Reporting Tool

### **Components Used**

This document is not restricted to specific software and hardware versions.

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.

# **Background Information**

UCCX Engine is a part of two manager services:

- 1. Subsystem Manager
- 2. Manager Manager

Unified CM Telephony Subsystem is a sub-component under Subsystem Manager.

Application Manager Service is a sub-component under Manager Manager.

# **CM Telephony Subsystem**

CM Telephony Subsystem is a JTAPI client where you can provide Unified CM Telephony provider information, Computer Telephony Interface (CTI) port group information, Unified CM Telephony trigger information, and resynchronize Unified CM Telephony information.

Any communication between UCCX and CUCM resides on JTAPI. CTI Manager on CUCM responds to the JTAPI requests from UCCX.

JTAPI provider is created on UCCX which is replicated on the CUCM.

Quick Check:

Log in to the CCX Administration page. Navigate to **System > CM Configuration.** It lists information about axl, jtapi, and rmcm providers. The JTAPI Username and password created on this page get replicated on CUCM under the application user as shown in the image.

Cisco L	<b>Unified CCX Admini</b>	stration				Navigation Cisco Unified CCX Administration V Go
For cisco Ur	ined Communications Solutions					cisco About Logout
system Appications Su	iosystems wizards tools t	1eip				
Cisco Unified CM C	onfiguration					
Update 🙆 Clea	r					
AXL Service Provider Co	onfiguration.[Cisco Unified CM V	lersion is : 11.5.1.14900(11)]				· · · · · · · · · · · · · · · · · · ·
Selected AXL Service Prov	iders			Available AXL Service Prov	iders	
*	10.127.252.213 10.127.252.216	•		4	V	
Cluster Wide Parameters						
User Name*			cisco			
Password*			•••••			
Unitied CM Telephony St Selected CTI Managers	ubsystem - Unified CM Telephor 10.127.252.213 10.127.252.216	y Provider Configuration		Available CTI Managers	×	
Cluster Wide Parameters			anai			
Decement			Juapi			
Confirm Password*			•••••			
RmCm Subsystem - RmC	m Provider Configuration					
Selected CTI Managers				Available CTI Managers		
	10.127.252.213 10.127.252.216	^			^	

**Note:** It is always recommended to point the local CUCM node on top of the list followed by the remote CUCM node. Whenever an agent creates a CTI PORT or ROUTE POINT it gets assigned under the respective JTAPI user on CUCM.

Quick Check:

Log In to **CUCM Admin Page > User Management > Application User** in order to verify if the JTAPI and rmcm providers created on UCCX got reflected on CUCM.

CISCO Cisco Unified	Navigation Cisco Unified CM Administration Co cisco Search Documentation About Logost		
System 🔟 Call Routing 🛫 Media Resources 🛫	Advanced Features 🖝 Device 🛫 Application 🛫 User Management 🖝 Bulk Administration 🖝 Help 🖝		
Find and List Application Users			
Add New Estect All Clear	N 🙀 Dees Selected		
Find Application User where User ID 🗸 begins	ich 🗸 Find Cear Filter da		
	User ID	Copy	User Rank
	CCMQRTSecureSvaluer	ß	1
	SCMORT9-sUger:	ß	1
	COMSvaluer	ß	1
	QUCService	r <u>b</u>	1
	10MASecureSvalleer	ß	1
	12MASystUser	ß	1
	TebSyncSystem	ß	1
	WDSecureSvetter	(b)	1
	WDSystem	ß	1
	adminaul	ß	1
	advaar	ß	1
	<u>śsta</u>	D	1
	10011	- 0	1
	200.2	Ch.	1
	gassaosviewandmin	 []\	1
	mm	n in the second se	1
		-	

#### **Most Common Reasons**

- Some of the CTI ports or triggers appear to be unregistered
- In case of misconfiguration of the trigger on CCX
- Trigger on the application has no call control group
- The same translation pattern exists as the trigger
- CTI Route Point with/without the partition and device pool as per the network configuration
- Trigger deleted from CUCM

Tip: Whenever you tend to remove some trigger or cti port completely follow these recommendations.

Delete triggers from UCCX - this process automatically removes corresponding CTI Route Points on CUCM

Delete control groups from UCCX (CTI ports) - this automatically removes corresponding phone devices (CTI Ports) from CUCM

#### Troubleshoot

Method 1:

With RTMT Tool, you can easily verify the trigger/cti port registration status and summary. Log in to the RTMT with admin credentials. Select **Cisco Unified CCX** on the bottom left side of the RTMT page.

Cisco Unified Real Time Monitoring Tool (Currently Logged into: uccx-sr.cisco.local)



Select **CUCM Telephony Data**. Few options get listed out such as Triggers, Call Control groups, CTI ports, and Summary.

Cisco Unified Real Time Monitoring Tool (Currently Logged into: uccx-sr.cisco.local)

<u>File System AnalysisManager</u>	IM and Presence Edit Win	dow Appl <u>i</u> cation Help
Real Time Monitoring T	ool	
Sustam	CUCM Telephony Data	
System	CUCM Telephony Data	
Cisco Unified CCX	Triggers	
CUCM Telephony Data	- Call Control Groups	
CUCM Telephony Data	Summary	
	000000	
	000000	
	5555555	
	000000	
	100000	
	5555555	
	555555	
	500000	
		CUCM Telephony Data
IM and Presence		
System Summary CUCM T	elephony Data	

Select one of the options in order to verify its status of it. For example, Triggers. A dialog box pops out which has the option to choose the server (in the case of HA, both pub and sub are listed). Choose a server name and click **Finish** as shown in the image.

File System AnalysisManager	IM and Presence Edit Window Application Help
Real Time Monitoring T	ool
System	CUCM Telephony Data
Cisco Unified CCX	CUCM Telephony Data
CUCM Telephony Data	Call Control Groups
	Triggers ×
	Triggers Select a Server
	<pre> uccx-sr.cisco.local ▼  <back cancel="" pre="" sccx-ssub.cisco.local<="" uccx-sr.cisco.local=""></back></pre>
M and Presence	CUCM Telephony Data
System Summary CUCM Te	S lephony Data

In this example, the triggers option was selected, so the triggers and their respective status along with recommendations are shown.

Server : uccx-sr.ciscoJocal										
Trigger DN	Trigger State	Application Na	Ready For Call	CallControl Gro	Media Group ID	Last State Cha	Recommended			
1111	Config Error	agent1_app	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	Trigger has config			
111111	In Service	agent3	true	2	0	10/10/2021 22:28:				
11122	Config Error	agent_app	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	Trigger has config			
5555	In Service	ctiapp_user	true	5	0	10/10/2021 22:28:				
7777	In Service	ctiuser1_app	true	6	0	10/10/2021 22:27:				

Summary status when the summary option is selected.

Cisco Unified Real Time Monitoring Tool (Currently Logged into: uccc-sr.cisco.local)									-		$\times$	
Eile System AnalysisManager	IM a	nd Presence Edit Win	dow Application	Help								
Real Time Monitoring Tool												
System	<b>∮</b> E	CUCM Telephony Data										
		CUCM Telephony Data				Server : uccx-	sr.cisco.local					
Cisco Unified CCX		Triggers	Trigger DN	Trigger State	Application Na	Ready For Call	CallControl Gro	Media Group ID	Last State Cha	Reco	ommen	ded
CUCM Telephony Data	8	Call Control Groups	20211	Out of Service	Idapuserapp	true	9	0	11/09/2021 23:18:	Checkt	trigger o	onf
CUCM Telephony Data	8	CTI Ports	7777	Config Error	ctiuser1_app	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	Trigger	has co	nfig
684	8	Summary	9999	In Service	agent_app	true	7	0	11/09/2021 23:18:			
1	8	_										
	8											
1	8											
	8											
	8											

Call Control Groups status.

s 🖂 🖉	UCM Telephony Data					X
) 🗖 🛛	UCM Telephony Data			Server : uccx125.cisco.local		
∭  - C	Triggers	CallControl Group ID	Group State	Total Ports	InService Ports	OOS Ports
8I ⊢ C	Call Control Groups	2	In Service	5	5	0
8I ⊢ C	CTI Ports	3	Partial Service	2	1	1
81 L C	Summary					
8						
8						

#### CTI Ports status.

0	ol					
	📋 CUCM Telephony Data					X
	🗂 CUCM Telephony Data			Server : uccx125.cisco.local		
18	— 🗋 Triggers	CTI Port DN	CallControl Group ID	Port State	Call ID	Last State Change Time
8	🗕 🗋 Call Control Groups	100	2	In Service		11/13/2021 16:36:45 IST
8	- CTI Ports	101	2	In Service		11/13/2021 16:36:45 IST
88	Summary	102	2	In Service		11/13/2021 16:36:45 IST
8		103	2	In Service		11/13/2021 16:36:45 IST
8		104	2	In Service		11/13/2021 16:36:45 IST
8		76762	3	In Service		11/13/2021 17:05:19 IST
8		76763	3	Out of Service		11/13/2021 17:06:12 IST
8						
8						
8						

Trigger status can be verified from the **CCX Admin page > Subsystems > Triggers** as shown in the image.

ystem Appli	ications Subsystems Wizards	Tools Help					
co Unifie	ed CM Telephony Trigger	Configuration					
Add Nev	w						
e*							
us							
4 records	found						
·							
riggers List							
Afres Clar	Route Point A	Application 4	Sessions 4	Enabled	Сору	Delete	Refresh
	× 1111	ctiuser1_app	2	true	B	Û	8
	0000	agent ano	2	true	D.	1	<u>©</u>
	12 <u>3030</u>	MUSTIC WICH	-				
	© 20211	Idapuserapp	5	true	c9	8	8

Add New

#### Method 2:

From the CCX Admin page, you can perform data checks and data resync. Log in to CCX Administration Page > Cisco Unified CM Telephony > Data Synchronization as shown in the image.

cisco For Cisco	o Unified CCX Adm	inist 15	ration	
System Applications	Subsystems Wizards Tools	s Help	p	
	Cisco Unified CM Telephony	•	Provider	
	RmCm	•	Call Control Group	
Cisco Unified	Chat and Email	•	Triggers	
System version: 12.5.1.1	Outbound	•	Data Synchronization	
Error: This Product Instan	Database	•	Cisco JTAPI Resync	tional Economy u
Warning: No backup devi	НТТР		Advanced Settings	Backup Device

Select **Triggers**, Call Control Groups, CM Telephony Users, and select **Data Check** this takes a considerable amount of time based on the number of triggers, CCG, and users configured on the server.

Cisco Unified CCX Administration For Cisco Unified Communications Solutions
System Applications Subsystems Wizards Tools Help
Cisco Unified CM Telephony Data Synchronization
Data Check 🏠 Data Resync
Status
(i) Ready
Please select at least one component.
Call Control Group(s) 🗸 Trigger(s) 🖌 CM Telephony User(s) 🗸 SRTP
Data Check Data Resync

The Data check option displays the status of selected components. Once the proper action is taken against the errors, you can perform Data Resync which is recommended to run during less call volume.

Method 3:

In case there are no errors with any components. Check the CM configuration page of UCCX for a list of providers and restart CTI service on all those CUCM providers followed by CCX Engine restart on UCCX nodes.

Method 4:

Log in to **RTMT > Trace and Configuration > Collect Logs**.

UCCX:

- Cisco Unified CCX Engine (MIVR)
- JTAPI logs

CUCM:

- Callmanager
- CTI Manager

Common Errors on RTMT:

Problem 1:

Trigger 7777 has a configuration error on Trigger state, Call Control Group is Unknown.

Cisco Unified Real Time Monitorin	ng T	ool (0	Currently Logged into	c uccx-sr	.cisco.local)							- C	) ×	:
File System AnalysisManager	IM :	and P	resence <u>E</u> dit <u>W</u> ir	ndow A	Application	Help								
Real Time Monitoring Tool														
System	•	🗏 CU	JCM Telephony Data											X
		🗂 CU	CM Telephony Data					Server : uccx-	sr.cisco.local					
Cisco Unified CCX		- 🗅	Triggers	1	Trigger DN	Trigger State	Application Na	Ready For Call	CallControl Gro	Media Group ID	Last State Cha	Recon	nmended	
CUCM Telephony Data		- 🗅	Call Control Groups	20211		In Service	Idapuserapp	true	9	0	11/09/2021 23:18:			
- 🎲 CUCM Telephony Data	8	- 🗅	CTI Ports	7777		Config Error	ctiuser1_app	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	Trigger h	as config.	
0-20	8	- D	Summary	9999		In Service	agent_app	true	7	0	11/09/2021 23:18:			
		_												
	8													
	8													
	8													
	81													

Verify the trigger status on the CCX Admin page. Navigate to **Subsystems > Cisco Unified CM Telephony >Trigger**.

As soon as the trigger is selected a dialog box pops up on the screen.

O A https://uccx-sr.cisco.local/appadmin/JTAPITrigger?request_type=	
Cisco Unified CM Telephony Trigger Configuration	
Save 👕 Delete 🌑 Clear 🐼 Cancel	
Status	
Status : Ready	
Directory Information	
Directory Numt	
Trigger Informa The selected Call Control Group for this trigger has been deleted. Please update. Language*	
Application Nar OK OK	
Description*	
Call Control Group* None	
Save Delete Clear Cancel Show More A indicates required item Transferring data from uccx-sr.cisco.local	

Click **OK** and notice that there is no call control group added here.

Cisco Unified CM Telephony Trigger Configuration								
🔚 Save 👕 Delete 🏻 🍟 Clea	ar 🚫 Cancel							
- Status								
Status : Ready								
Directory Information	Directory Information							
Directory Number*	7777							
- Trigger Information								
Language*	English (United States) [en_US] V Edit							
Application Name*	ctiuser1_app							
Device Name*	ctiuser1dev							
Description*	ctiuser1dev							
Call Control Group*	None v							

Solution:

Update the call control group from the drop-down list. Verify trigger status. If the issue persists restart CTI Manager Service on CUCM and CCX Engine on UCCX

Problem 2:

Trigger as out of service appears in 2 scenarios. Either the CTI Route point got deleted on CUCM or the directory number on the CTI route point does not exist.

٦.												
ſ	🚡 Cisco Unified Real Time Monitorin	ng Too	l (Currently Logged into	x: uccx-sr.cisco.local)							- 0	×
E	le System AnalysisManager	IM an	d Presence Edit Win	ndow Application	Help							
	Real Time Monitoring Tool											
	System		CUCM Telephony Data	1								
Ji			CUCM Telephony Data				Server : uccx-	sr.cisco.local				
Э	Cisco Unified CCX	8 -	Triggers	Trigger DN	Trigger State	Application Na	Ready For Call	CallControl Gro	Media Group ID	Last State Cha	Recomme	ended.
R	CUCM Telephony Data	-	Call Control Groups	20211	Out of Service	Idapuserapp	true	9	0	11/09/2021 23:18:	Check trigge	r conf

Scenario 1:

Cause: On CUCM the CTI route point is deleted.

Log In to the **CM Admin page > Device > CTI Route Point** and check whether the route point exists. In this scenario, the route point listed on rtmt does not exist as shown in the image.

Cisco Unified CM Administration For Cisco Unified Communications Solutions	Navigation Cisco Unified CM Administration V Go					
Byshen 🔟 Call Rouding 🖝 Media Resources 🖝 Advanced Features 🗶 Device 🗶 Application 🖤 User Management 🗶 Bulk Administration 🗰 Help 🗰						
Find and List CTI Route Puints						
фил.						
Status - (i) 0 recerts frond						
CTI Route Point	Rows per Page 50 v					
Fod CTI Rues Point share Directory Number v begins with v 20211 (Find Clear Files) @ Salect them or enter search text v						
File active query in the entering our and in the entering of the active and the entering of the active active						
After the second						

However, the trigger exists on CCX.

Perform Data check on Cisco Unified CM Telephony Data synchronization page and observe the error as "Could not Create on Cisco Unified CM".

The possible reason would be the route point was deleted but the directory number still exists on CUCM.

CTI Route Point	X	Could not create on Cisco Unified CM.
Data Check Data Resync		

Log in to the **CM Admin page**, select **Call Routing > Route Plan Report** and search with directory number-->click delete

Navigate back to the CCX admin page, **Subsystems > Cisco Unified CM Telephony > Data Synchronization > Data Resync,** or recreate the CTI Route point on CUCM with the same device name if that specific route point/trigger is required.

If the issue persists restart CTI Manager Service on CUCM and CCX Engine on UCCX.

Scenario 2:

Cause: The directory number 20211 is deleted on CUCM or the device is dissociated from the directory number.

In such a scenario, CTI route point appears under device > CTI route point. But, you can notice that the extension does not exist. Perform Data Check on UCCX shows the same error as the previous scenario "Doesn't exist on Cisco Unified CM" but for Director Number.

CTI Route Point	✓	In Sync
Directory Number	X	Doesn't exist on Cisco Unified CM.
Device Association	×	In Sync

Solution:

Navigate to the respective CTI route point and add the directory number on CUCM or perform data resync on UCCX.

If the issue persists, restart CTI Manager Service on CUCM and CCX Engine on UCCX.

Problem 3:

CTI PORT status appears as out of service:

pol					
🖣 🛅 CUCM Telephony Data	1				X
🗖 CUCM Telephony Data			Server : uccx125.cisco.local		
🖉 — 🗋 Triggers	CTI Port DN	CallControl Group ID	Port State	Call ID	Last State Change Time
🗌 — 🗋 Call Control Groups	100	2	In Service		11/13/2021 16:36:45 IST
CTI Ports	101	2	In Service		11/13/2021 16:36:45 IST
Summary	102	2	In Service		11/13/2021 16:36:45 IST
	103	2	In Service		11/13/2021 16:36:45 IST
	104	2	In Service		11/13/2021 16:36:45 IST
	76762	3	In Service		11/13/2021 17:05:19 IST
	76763	3	Out of Service		11/13/2021 17:06:12 IST
8					

Call Control group associated with respective CTI PORT shows PARTIAL SERVICE.

E	CUCM Telephony Data					X
	CUCM Telephony Data			Server : uccx125.cisco.local		
	Triggers	CallControl Group ID	Group State	Total Ports	InService Ports	OOS Ports
	Call Control Groups	2	In Service	5	5	0
	CTI Ports	5	Partial Service	2	1	1
Ľ	Summary					

Similarly, the summary page includes the error with CTI port 77661 on-call control group id=5.

222						
			Server : uccx1	25.cisco.local		
οv	ERALL TELEPHONY SUB	SYSTEM STATE : Partial Se	rvice			
	Call Control Groups In	Call Control Groups O	Call Control Groups In	Enabled Triggers	Disabled Triggers	Triggers With Config E
1		0	1	3	0	0
s	ome group can only be i	nitialized partially - Call Co	ontrol Group[id=5,state=IN	SERVICE]:Ports[7766]	]	

Cause: The CTI port was dissociated from the device or deleted on CUCM.

Solution:

Restart CCX Engine if that did not fix the issue. Recreate the affected call control group, and restart CTI Manager service on CUCM and CCX Engine on UCCX.

# **Application Manager Service**

Under Application Management particularly you can add, configure, copy, delete, or refresh a specific application, associate trigger, script, and other parameters.

The image represents the Application manager status as a partial service.

Indus Cisco Unified CCX Serviceability			Navigation Cisco Unified CC	X Serviceability	✓ Go
CISCO For Cisco Unified Communications Solutions				cisco About	Logou
Alarm Trace Tools Help					
Control Center - Network Services					
📄 Start 🛑 Stop 📙 Restart 🔇 Refresh					
Cisco Unified CCX Engine	PARTIAL SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Manager Manager	PARTIAL SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Expression Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Document Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Bootstrap Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
File Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Socket Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Log Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Config Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Cluster Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Session Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
User Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Script Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
RTP Port Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Prompt Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Channel Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Grammar Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Application Manager	PARTIAL SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
Contact Manager	IN SERVICE	TUE APR 26 06:07:00 2022	00 Days 00:06:50		
F	IN SERVICE	THE APP 26 08:07:00 2022	00 Dave 00:08:50		

The most common reasons for Application Manager service partial service are:

- The script does not exist on script management which was assigned to an application earlier
- Invalid Script
- Application unable to load a particular script

#### Troubleshoot

Method 1:

With Real Time Reporting Tool the affected application can be identified easily.

Real Time Reporting Tool (RTR) is a Java application and hence requires Java Runtime Environment (JRE) to be installed on the client machine. Log in to CCX Administration page and navigate to **Tools > Real Time Reporting** and select **Download**.

Cisco Unified CCX Ac	Iministration	Navigation Cisco Unified CCX Administration V Go
	01000115	Cited Statich Documentation Photo: Logour
System Applications Subsystems Wizards	Tools Help	
	Plug-ins	
	Real Time Reporting Tool	
	Real Time Snapshot Config	
Cisco Unified CCX Administra	Historical Reporting	
System version: 11.6.2.10000-31	User Management	
A Warning: No backup device is configured. This is required to	Password Management	r to Backup Device Configuration cape.
Copyright © 1999-2018 Cisco Systems, Inc. All rights reserved		
This product contains cryptographic features and is subject to i and users are responsible for compliance with U.S. and local c	United States and local country laws go ountry laws. By using this product you a	verning import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors gree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at: <a href="http://www.cisco.com/wwl/ex">http://www.cisco.com/wwl/ex</a> If you require further assistance please contact us by sending email to export@cisco.com. fully qualified domain name (FQDN) of the Unified CCX server to the Exception Site List. For a high availability deployment, add the FQDN of both the Unified CCX servers to the Exception Site List.

1. Launch RTR Application on the system and log In with the Unified CCX Administrator or Supervisor credentials.

2. Navigate to Report > Applications and check the last column Valid.

For the problematic application, the flag "valid" appears as false

JUCCX	Real Time Reporting						_		×
Report Tools Views Settings Help									
Applications									
	Name	ID	Туре	Description	Enabled	Max. Sessions	Vali	d	
app1		0	Cisco Script Application	app1	true	2	false		
app2		2	Cisco Script Application	app2	true	4	true		
test		5	Cisco Script Application	test	true	3	true		

Method 2:

With the help of logs. Trace level setting

Navigate to **Cisco Unified CCX Serviceability > Trace > Configuration**. Select **Cisco Unified CCX Engine** and set the traces:

APP\_MGR - Debug, Xdebug1 ENG - Debug, Xdebug1 ICD\_CTI - Debug, Xdebug1 SS\_TEL - Debug, Xdebug1 Restart CCX Engine and Collect Cisco Unified CCX Engine logs from RTMT. Apply filter with "%MIVR-APP\_MGR" on log file to find the root cause.

From CLI.

file search activelog /uccx/log/MIVR/\* "%MIVR-APP\_MGR" recurs ignorecase With one of the two methods, you can get the problematic application.

Navigate to the application management on UCCX administration page, verify the problematic application and make necessary changes. Restart CCX Engine and verify the status.