TMS Scheduling with Conductor

Sunday, January 19, 2014 5:46 PM

System >> SNMP

To schedule Acano with TMS, you will need TMS 14.1 and Conductor x1.2 or higher. It is possible to use both in Free Evaluation mode. Conductor does not need anything more than to exist, it does not even need to be powered on after it is added to TMS. There is an alias option that becomes available in TMS whenever a Conductor is managed by TMS.

This functionality is best achieved on a TMS without any other MCU's managed (Codian MCU, TelePresence Server) due to the method of picking the best Bridge for scheduled calls.

First you must ensure a Conductor is online and reachable via the network.

Ensure SNMP is enabled on the Conductor

.1|1.1|1. CISCO Cisco TelePresence Conductor Status System Conference configuration Users Maintenance SNMP No release key installed: The TelePresence Conductor is running without a va account representative to obtain release key and option keys. Configuration SNMP mode v3 plus TMS support ▼ Community name public System contact Administrator Location Username v3 Authentication Authentication mode

Change Default Password

You must also change the default password for Conductor, otherwise TMS will not connect to it on HTTPS.

The default password is TANDBERG. To change the admin password, navigate to Users >> Administrator Accounts

Select Admin.

Change the password. Save.



You may now close Conductor, it will not be needed again.

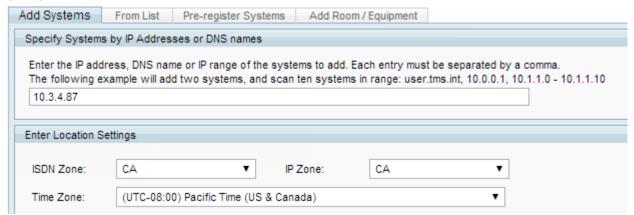
Add Conductor to TMS

From within TMS, add Conductor as a managed device.

System >> Navigator

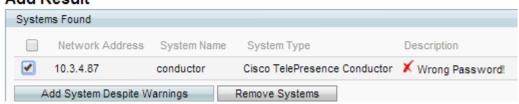
Add Systems

Specify the IP address of Conductor, click Next



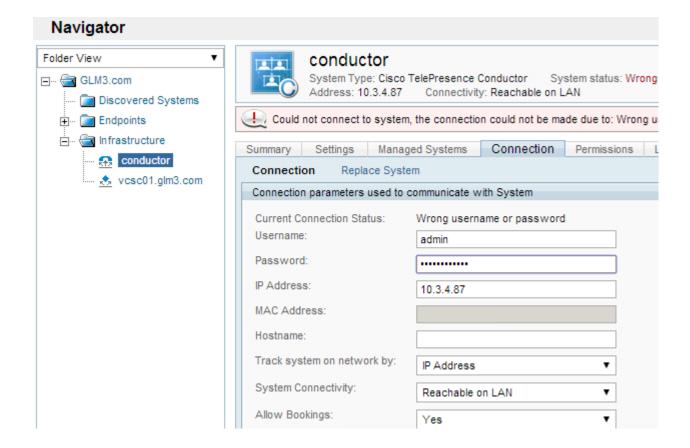
TMS will say "Wrong Password" but check the box next to Conductor and "Add System Despite Warnings"

Add Result



Now Conductor will be added with multiple Warnings. Most of these will never go away, but that is normal.

Now click on Conductor and select "Connection" Here you will enter the custom password you created before.



You may now specify the Acano Port capacity and Alias(es) used to reach the server.

Aliases

Aliases are URI's that will be dialed from Endpoints to reach the Acano server. You will need to ensure there is already a Search rule on VCS or any equivalent Call Control device. These aliases can be a single URI or a range of URI's. For more detail on how they work, consult the <u>Conductor and TMS</u> Configuration Guide Pg. 14.

Select Aliases within the Conductor in TMS.

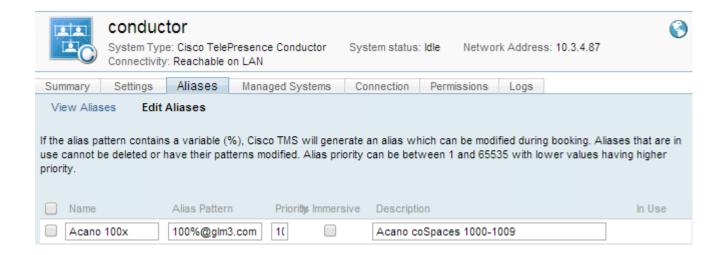


Select "Edit Aliases"

Enter a name for the new Alias such as "Acano"

Enter an Alias pattern. For this example we are using a range of 1000 through 1009. The size of this range will be configured in a future step. For now just set the prefix of the range. The "%" will be configured as 0 through 9.

Click Save.



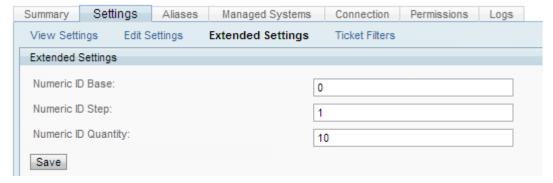
Alias Range Configuration (Only Available in TMS 14.3+)

Settings >> Extended Settings

For the example we were using "%" as a range of 0 through 9. To configure that in Extended settings, choose the ID Base as the starting number "0".

The ID Step will increment the conferences one at a time.

The Numeric ID quantity will be the maximum number incremented from our base of 0 which is 9. Save.



Configure Acano Port Capacity

Click Settings >> Edit Settings

Scroll Down to Call Settings

If you would like to set a capacity limit for the Acano Server, you will set it here. Unless this is a VM, it is very likely you will not need to change this setting, you may leave it as unlimited.



Select Protocols (Only Available in TMS 14.3+):

Scroll to the bottom of the page, here you will select the bookable protocols.

Acano is a SIP only Server, but if a VCS or similar interworking device is present you may be able to use H.323 as well. Check or uncheck these as appropriate. The recommendation is to use SIP only:

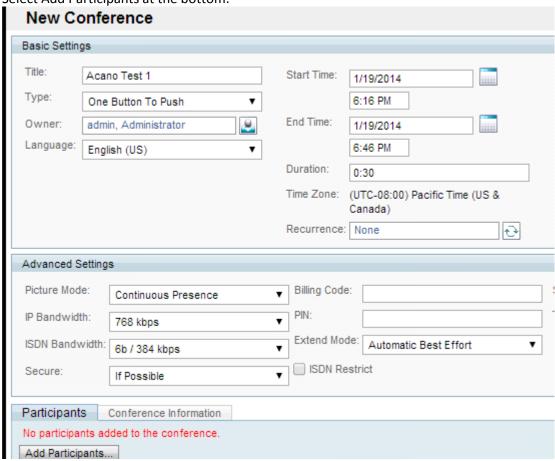


Save.

You have now completed the configuration. You can book a call now.

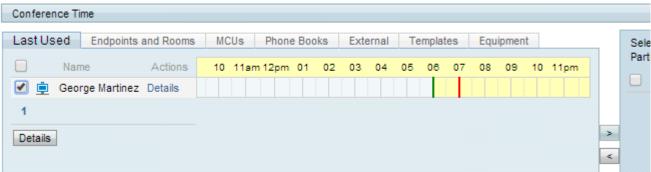
Navigate to Booking >> New Conference.

Select Add Participants at the bottom.



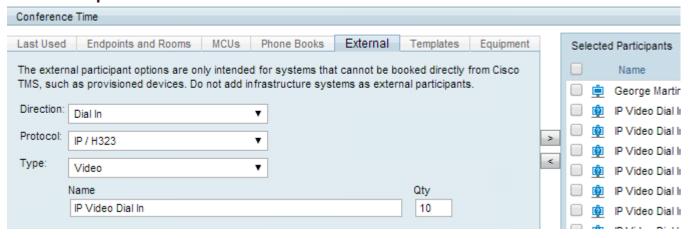
Find an endpoint to book, check it's box and move it to the right "Selected Participants" pane with the ">" sign.

Add Participants



Click on the "External" tab and add 10 Dial In Participants to the call, using the ">" to move them over.

Add Participants



Once added. If this is the only MCU on TMS. Click OK and book the meeting.

If it is not the only MCU on TMS, you will need to specify the Conductor as the booking method. Select the MCU tab and check the Conductor and move it over.

Add Participants

Conference Time						
Last Used Endpoints and Rooms				MCUs		
Query						
Search: Folder						
N	ame	Actions	10	11am	12pm	
✓ ← co	nductor	Details				
1						
Details						

Now click OK.

You will now see all of the participants, if you click "Connection Settings" you will see the URI that will be used to connect to Acano:



It should show the endpoints connecting to the 1000@glm3.com alias we specified as the first conference.

Click Save Conference.

The confirmation should now show the correct dial in method for the endpoints. If it does, you are successful.

The conference has been saved.

Conference title: Acano Test 1

Conference id: 108

Participant(s):

George Martinez IP: 10.3.4.53

10 x IP Video Dial In

conductor

The participants will connect using this route

George Martinez connects to conductor (SIP: 1000@glm3.com) 10 x IP Video Dial In connects to conductor (H.323: 1000@glm3.com)

The following are the results of different Connection Types when booking Acano:

Automatic Connect

One Button To Push

Manual Connect

No Connect

Reservation

Automatic Connect - Will book, but will fail to autoconnect.

One Button to Push - Will show OBTP on endpoint and connect successfully

Manual Connect - Will book the endpoint and resources in TMS. You must manually dial URI. Connecting from CCC fails.

No Connect - Will book the endpoint and resources in TMS. You must manually dial URI.

Reservation - Will not book Acano.

Hybrid Environment:

Things to consider when another Mcu is present in TMS:

TMS will determine the best MCU to book unless specified. You may want to consider these options: Administrator Tools >> Configuration >> Conference Settings

Advanced Conference Options

External MCU Usage in Routing:

Preferred MCU Type in Routing:

Cisco TelePresence Conductor

Conductor:

It is normal for Conductor to have several errors such as:

