

Cisco encontrando-se server guia API da integração e do programa) (de Acano/TMS

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Introdução

Este documento descreve como o server CMS 2.0 (Acano) integra e se comunica com o TMS (15.3) como um recurso controlado.

Pré-requisitos

Requisitos

A Cisco recomenda que você tenha conhecimento destes tópicos:

- Compreensão básica de TMS (suite de gerenciamento do Cisco TelePresence)
- Conceitos CMS (Cisco que encontra o server, Acano anterior)

[Componentes Utilizados](#)

As informações neste documento são baseadas nestas versões de software e hardware:

- TMS 15.3 ou maior
- CMS 2.0 ou maior

Nota: Antes de TMS 15.3 você podia adicionar um server de Acano como uma ponte unmanaged, mas não teve a funcionalidade direta.

As informações neste documento foram criadas a partir de dispositivos em um ambiente de

laboratório específico. Todos os dispositivos utilizados neste documento foram iniciados com uma configuração (padrão) inicial. Se a sua rede estiver ativa, certifique-se de que entende o impacto potencial de qualquer comando.

Configurar

Para adicionar um server controlado CMS em TMS é relativamente simples e trabalha em uma maneira similar de adicionar um MCU ou TP.

Etapa 1. Navegue ao lugar desejado do navegador e seletor **adicionar o dispositivo**, como de costume. Se uma porta não padronizada está sendo usada para o serviço do webadmin (tal como 445), assegure-se de que esteja adicionado à extremidade do endereço IP de Um ou Mais Servidores Cisco ICM NT ao a adicionar, com x.x.x.x:445 por exemplo.

The screenshot shows the 'Add by Address' tab in the TMS interface. It includes a text input field for IP addresses with the example '14.80.82.30'. Below this are 'Location Settings' for ISDN Zone, IP Zone, and Time Zone. The 'Advanced Settings' section includes fields for Username (admin), Password (masked), SNMP Community Names (public,Public), Persistent Template (No Template), and Usage Type (Meeting Room).

- Depois que você adiciona o dispositivo, você vê o sistema adicionado com avisos. Deve ser detectado como **Cisco que encontra o server** para o tipo mas não tem um nome de sistema (este é normal):

The 'Add Result' page displays a table with the following data:

Network Address	System Name	System Type	Description
<input type="checkbox"/> 14.80.82.30	No Name (14.80.82.30)	Cisco Meeting Server	✓ System added despite warnings

Buttons at the bottom include 'Add System Despite Warnings', 'Remove Systems', 'Finish Adding Systems', and 'Add More Systems'.

- Ver a página de informação mostrará dois erros/avisos:

No Name (14.80.82.30)
 Cisco Meeting Server Status: Idle Address: 14.80.82.30 Connectivity: Reachable on LAN

Summary Settings Clustering Connection Permissions Logs

Tickets

Open:

- #37 - Dial Number Configuration Error (7/27/2016 11:34:42 AM)
Domain, Numeric ID Base and Numeric ID Quantity details are not set. More...
- #35 - Blank System Name (7/27/2016 11:34:42 AM)
The name of the system is blank.

▸ Add custom ticket ▸ Open in Ticketing Service ▸ Edit settings

System Status

Call Bridge Uptime:	4d, 22:09:44	Audio Bit Rate Outgoing:	0 Kbit/s
CallLegs Active:	0	Audio Bit Rate Incoming:	0 Kbit/s
CallLegs Max Active:	3	Video Bit Rate Outgoing:	0 Kbit/s
CallLegs Completed:	7	Video Bit Rate Incoming:	0 Kbit/s

This Week's Bookings

There are no bookings for this system in the next 7 days.

▸ Book conference with this system

Etapa 2. Ajuste um nome de sistema sob **ajustes > editam ajustes**. Este pode ser todo o nome, o TMS usa-o para referir a ponte como.

Etapa 3. Enderece a outra mensagem navegando aos **ajustes > estendeu ajustes** e configuram a escala do domínio e do ID de conferência. O domínio é usado para formar os URI baseados no número de conferência, assim que certifique-se atribuir um domínio que seja roteável ao CMS na rede (e tem as regras apropriadas do discagem de entrada configuradas no CMS).

CMS Core Primary
 Cisco Meeting Server Status: Idle Address: 14.80.82.30 Connectivity: Reachable on LAN

Summary **Settings** Clustering Connection Permissions Logs

View Settings Edit Settings **Extended Settings** Ticket Filters

Extended Settings

Domain:

Numeric ID Base:

Numeric ID Quantity:

Etapa 4. Após ter feito estas alterações de configuração, o CMS deve estar livre dos erros ou dos avisos em TMS.

CMS Core Primary
 Cisco Meeting Server Status: Idle Address: 14.80.82.30 Connectivity: Reachable on LAN

Summary Settings Clustering Connection Permissions Logs

Tickets

✓ System has no open or acknowledged tickets

▸ Add custom ticket ▸ Open in Ticketing Service ▸ Edit settings

System Status

Call Bridge Uptime:	4d, 22:11:52	Audio Bit Rate Outgoing:	0 Kbit/s
CallLegs Active:	0	Audio Bit Rate Incoming:	0 Kbit/s
CallLegs Max Active:	3	Video Bit Rate Outgoing:	0 Kbit/s
CallLegs Completed:	7	Video Bit Rate Incoming:	0 Kbit/s

This Week's Bookings

There are no bookings for this system in the next 7 days.

▸ Book conference with this system

Etapa 5. Para verificar tudo foi configurado corretamente, você pode verificar no CMS para

certificar-se dos entalhes apropriados da reunião ter sido atribuído como espaços. TMS cria um espaço para cada entalhe da reunião intitulado **TMS_Scheduled_Meeting_x** onde x é o número da reunião dentro da escala que foi especificada.



Status Configuration Logs

Space configuration

Filter

<input type="checkbox"/>	Name	URI user part	Secondary URI user part	Additional access methods	Call ID
<input type="checkbox"/>	Cool Bridge Space	cool.bridge.space			497540167
<input type="checkbox"/>	It's testacano1's Space!	testacano1.space			020710167
<input type="checkbox"/>	It's testacano2's Space!	testacano2.space			136456483
<input type="checkbox"/>	It's testacano3's Space!	testacano3.space			529987622
<input type="checkbox"/>	TMS_Scheduled_Meeting_1	1			1
<input type="checkbox"/>	TMS_Scheduled_Meeting_2	2			2
<input type="checkbox"/>	TMS_Scheduled_Meeting_3	3			3
<input type="checkbox"/>	TMS_Scheduled_Meeting_4	4			4
<input type="checkbox"/>	TMS_Scheduled_Meeting_5	5			5
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>

1

TMS detecta automaticamente todos os outros callbridges aglomerados com o CMS que sejam adicionados através do API. Pode-se confirmar se este está correto quando você navega à aba de **aglomeração**.

CMS Core Primary
Cisco Meeting Server Status: Idle Address: 14.80.82.30 Connectivity: Reachable on LAN

Summary
Settings
Clustering
Connection
Permissions
Logs

System Name	Primary
CMS Core Primary	✓
14.80.82.31	

Nota: É importante notar que este não significa que TMS falha automaticamente sobre a este callbridge no evento preliminar que foi adicionado vai para baixo. Em seu estado atual, não fala nunca diretamente com qualquer coisa a não ser o server adicionado CMS, mas descobre o outro através de API **GET** para callbridges (cada callbridge sabe sobre todo o outro).

Etapa 6. A fim configurar o Failover, você tem que navegar de volta à página dos **ajustes da edição** para o CMS em TMS. Sob **configurações de rede** configurar o IP, o username, e a senha alternativos. O campo **alternativo IP** deve ter um dropdown povoado automaticamente por outros callbridges detectados no conjunto. TMS falha somente sobre ao callbridge especificado. Se há mais de dois callbridges no conjunto, TMS não pode usar o outro. Isto é somente para as reuniões futuras. Se um callbridge vai abaixo da conferência meados de, TMS não migra os usuários sobre à substituição.

CMS Core Primary
 Cisco Meeting Server Status: Idle Address: 14.80.82.30 Connectivity: Reachable on LAN

Summary Settings Clustering Connection Permissions Logs

View Settings Edit Settings Extended Settings Ticket Filters

General

Name: CMS Core Primary Status:
 System Type: Cisco Meeting Server Your Access:
 System Connectivity: Reachable on LAN System Contact:
 Network Address: 14.80.82.30 Alert System Contact when Booked: No
 Manufacturer: Cisco Description:
 IP Zone: Test Zone
 Time Zone: (UTC-05:00) Eastern Time (US & Car)
 Web Bridge URI: https://<webbridgeaddress.port>

Configuration

Software Version: 2.0(RC)

Network Settings

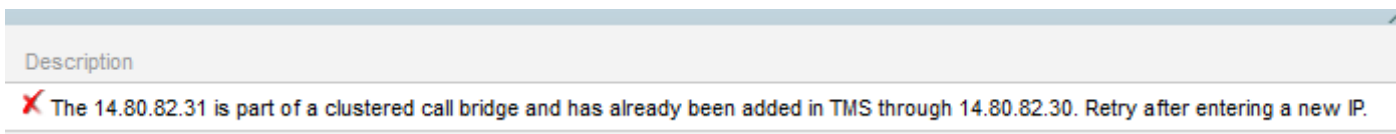
Alternate IP: 14.80.82.31 SIP Mode: On
 Alternate IP Username: admin
 Alternate IP Password: *****

TMS Scheduling Settings

Allow Booking: Allow Outgoing SIP URI Dialing:
 Allow Incoming SIP URI Dialing:

Save Force Refresh

Não há nenhuma necessidade de adicionar manualmente outros callbridges aglomerados em TMS. Se você tenta adicionar um TMS tem detectado já como parte do conjunto, você obtém um erro.



TMS está agora pronto para prever reuniões sobre o CMS. Se há uns tipos da ponte do multiple adicionados a TMS, o CMS pode ser atribuído abaixo sob o **administrador utiliza ferramentas > ajustes gerais > ajustes da conferência**, onde a preferência MCU datilografa dentro a distribuição do campo pode ser ajustada a **Cisco que encontra o server**.

Verificar

Uma comunicação API

Os seguintes são exemplos de uma comunicação API entre TMS e CMS, puxados do arquivo de registro CMS com o **debug logging API** permitido.

Adicionando o CMS a TMS

TMS alcança para fora e executa métodos **GET** para puxar a informação básica do CMS. A saída abaixo mostra o processo de executar um **GET** para callbridges, a seguir um **GET** para cada callbridge específico retornado, e puxa a informação adicional tal como o IP. Isto é como TMS descobre outros server no conjunto. Igualmente cria um perfil do atendimento e o perfil do trecho de chamada para reuniões.

```

ul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: GET for
"/api/v1/system/status" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: sending 200 response, size
518
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <status>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889:
<softwareVersion>2.0(RC)</softwareVersion>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889:

```

<uptimeSeconds>333717</uptimeSeconds>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <cdrTime>2016-07-26T14:08:19Z</cdrTime>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <activated>true</activated>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <clusterEnabled>true</clusterEnabled>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <callLegsActive>0</callLegsActive>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: <callLegsMaxActive>3</callLegsMaxActive>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: [...]
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8889: </status>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: **GET for**
"/api/v1/callBridges" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: sending 200 response, size 250
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: <callBridges total="2">
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: <callBridge id="0e3758db-b9b8-49df-a74c-55fa05e3e21d">
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: <name>CallBridge-Core1</name>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: </callBridge>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: <callBridge id="cfe31846-ca57-4703-9e11-da3e72a13066">
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: <name>CallBridge-Core2</name>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: </callBridge>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8890: </callBridges>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: **GET for**
"/api/v1/callBridges/0e3758db-b9b8-49df-a74c-55fa05e3e21d" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: sending 200 response, size 178
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: <callBridge id="0e3758db-b9b8-49df-a74c-55fa05e3e21d">
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: <name>CallBridge-Core1</name>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: <address>https://14.80.82.30</address>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: <sipDomain></sipDomain>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8891: </callBridge>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: **GET for**
"/api/v1/callBridges/cfe31846-ca57-4703-9e11-da3e72a13066" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: sending 200 response, size 178
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: <callBridge id="cfe31846-ca57-4703-9e11-da3e72a13066">
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: <name>CallBridge-Core2</name>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: <address>https://14.80.82.31</address>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: <sipDomain></sipDomain>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8892: </callBridge>
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: **POST for**
"/api/v1/callProfiles" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: content data size 47, type "application/x-www-form-urlencoded":
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: participantLimit=1000&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: messageBoardEnabled=false
Jul 26 14:08:23 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created new call profile 1285fa9c-f221-4af7-8462-51cf1d7542eb
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: sending 200 response, size 0
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8893: Location:

```
/api/v1/callProfiles/1285fa9c-f221-4af7-8462-51cf1d7542eb
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: POST for
"/api/v1/callLegProfiles" (from 14.80.99.226)
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: content data size 167, type
"application/x-www-form-urlencoded":
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894:
defaultLayout=telepresence&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: changeLayoutAllowed=true&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894:
presentationContributionAllowed=true&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894:
presentationViewingAllowed=true&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: muteSelfAllowed=true&
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: videoMuteSelfAllowed=true
Jul 26 14:08:23 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created
new call leg profile 734447d1-4251-442f-b127-ab3304b643f8
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: sending 200 response, size
0
Jul 26 14:08:23 user.info Core1 host:server: INFO : API trace 8894: Location:
/api/v1/callLegProfiles/734447d1-4251-442f-b127-ab3304b643f8
```

Crie espaços reservados da conferência

No exemplo abaixo de TMS cria um **conjunto de parâmetro do volume de CoSpace** que inclua a informação para o começo e número da reunião ID, um mapeamento de nome que defina o nome de cada exemplo da reunião, perfil do atendimento e perfil do trecho de chamada criado na seção anterior, e conjunto de campo dos **nonMemberAccess** a falso, que impede que os usuários se juntem a qualquens um espaços.

TMS seguinte faz um **CARGO** para **sospaceBulkSyncs** que proveja e runas o conjunto de parâmetro previamente criado. Após isso, faz um **GET** para o ID da sincronização que maioria apenas foi executado para confirmar o processo foi terminado.

Finalmente estado das corridas **GET TMS** para confirmar outra vez a informação da conexão básica.

```
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: POST for
"/api/v1/cospaceBulkParameterSets" (from 14.80.99.226)
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: content data size 250, type
"application/x-www-form-urlencoded":
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: startIndex=1&
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: endIndex=5&
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: coSpaceUriMapping=&
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954:
coSpaceNameMapping=TMS_Scheduled_Meeting_
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: &
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: coSpaceCallIdMapping=&
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: callProfile=1285fa9c-f221-
4af7-8462-51cf1d7542eb
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: &
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: callLegProfile=734447d1-
4251-442f-b127-ab3304b64
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: 3f8&
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: nonMemberAccess=false
Jul 26 14:12:31 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created
new object type 29 beac931c-ae88-4f5f-b6b7-71a1c4bdaf8e
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: sending 200 response, size
0
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8954: Location:
/api/v1/cospaceBulkParameterSets/beac931c-ae88-4f5f-b6b7-71a1c4bdaf8e
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955: POST for
```

"/api/v1/cospaceBulkSyncs" (from 14.80.99.226)

```
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955: content data size 60, type
"application/x-www-form-urlencoded":
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955:
cospaceBulkParameterSet=beac931c-ae88-4f5f-b6b7-
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955: 71a1c4bdaf8e
Jul 26 14:12:31 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created
new object type 30 071e7bf5-c0d8-4d2a-b321-7b07c799829c
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955: sending 200 response, size
0
Jul 26 14:12:31 user.info Core1 host:server: INFO : API trace 8955: Location:
/api/v1/cospaceBulkSyncs/071e7bf5-c0d8-4d2a-b321-7b07c799829c
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956: GET for
"/api/v1/cospaceBulkSyncs/071e7bf5-c0d8-4d2a-b321-7b07c799829c" (from 14.80.99.226)
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956: sending 200 response, size
210
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956: <cospaceBulkSync
id="071e7bf5-c0d8-4d2a-b321-7b07c799829c">
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956:
<cospaceBulkParameterSet>beac931c-ae88-4f5f-b6b7-71a1c4bdaf8e</cospaceBulkParameterSet>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956: <status>complete</status>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8956: </cospaceBulkSync>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: GET for
"/api/v1/system/status" (from 14.80.99.226)
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: sending 200 response, size
518
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: <status>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<softwareVersion>2.0(RC)</softwareVersion>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<uptimeSeconds>333966</uptimeSeconds>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: <cdrTime>2016-07-
26T14:12:29Z</cdrTime>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<activated>>true</activated>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<clusterEnabled>>true</clusterEnabled>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<callLegsActive>0</callLegsActive>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957:
<callLegsMaxActive>3</callLegsMaxActive>
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: [ ... ]
Jul 26 14:12:33 user.info Core1 host:server: INFO : API trace 8957: </status>
```

Crie uma conferência programada e auto disar

Quando é hora para que uma reunião comece, TMS faz primeiramente um **GET** para o estado e para os participantes (não certos o que os resultados dos participantes são usados para neste tempo). Em seguida, TMS faz um **GET** para que os coSpaces ver qual são realmente dentro uso. TMS seleciona a mais baixa conferência na escala que não é atualmente em uso para uma sessão programada (ou seja se há conferência somente sempre uma de cada vez, TMS usa sempre TMS_Scheduled_Meeting_1).

Após ter identificado a reunião para usar-se, TMS faz **POSTO** ao ID desse espaço específico, muda o nome e o campo da permissão dos nonMemberAccess, que permite então que outro se junte à conferência. TMS igualmente cria uma instância de chamada dentro desse espaço para permitir o controle do seletor.

TMS seguinte faz um **GET** para que o estado, os coSpaces, e os atendimentos verifiquem os exemplos criados. Se o CMS é ajustado para disar automaticamente a algum participante na

conferência, TMS faz então um **GET** para callegs. A fim iniciar o atendimento novo a um valor-limite, TMS faz então um **CARGO** à instância de chamada específica criada previamente criando um callleg novo. No índice para este **post-it** inclui o URI do valor-limite para discar” no campo satisfeito **remoteParty**.

Todos os atendimentos iniciados neste método confiarão nas regras do discagem externa no CMS, assim que devem corretamente ser configurados.

```
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: GET for
"/api/v1/system/status" (from 14.80.99.226)
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: sending 200 response, size
518
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: <status>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<softwareVersion>2.0(RC)</softwareVersion>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<uptimeSeconds>351847</uptimeSeconds>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: <cdrTime>2016-07-
26T19:10:30Z</cdrTime>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<activated>>true</activated>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<clusterEnabled>>true</clusterEnabled>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<callLegsActive>0</callLegsActive>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496:
<callLegsMaxActive>3</callLegsMaxActive>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: [ ... ]
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9496: </status>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9497: GET for
"/api/v1/participants" (from 14.80.99.226)
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9498: GET for "/api/v1/coSpaces"
(from 14.80.99.226)
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9498: sending 401 response, size
0
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9498: WWW-Authenticate: Basic
realm="acano"
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9497: sending 200 response, size
60
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9497: <participants
total="0"></participants>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: GET for "/api/v1/coSpaces"
(from 14.80.99.226)
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: sending 200 response, size
788
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: <coSpaces total="4">
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: <coSpace id="2be23a10-
f400-4436-baef-6058f55ca688">
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: <name>Cool Bridge
Space</name>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499:
<autoGenerated>>false</autoGenerated>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499:
<uri>cool.bridge.space</uri>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: <callId>497540167</callId>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: </coSpace>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: <coSpace id="f4c9601b-
300e-43ac-a283-3e1a00699c2c">
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: [ ... ]
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9499: </coSpaces>
Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: PUT for
"/api/v1/cospaces/458075bc-6def-4052-8ed6-b1192d6e6b35" (from 14.80.99.226)
```

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: content data size 117, type "application/x-www-form-urlencoded":

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: &

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: nonMemberAccess=true&

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: passcode=*****

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: name=Tim Kratzke Acano TMSXE Test Meeting&

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: secret=86db1bdd-5cf7-4ea8-b88d-479195f4701a

Jul 26 19:10:34 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" modified space 458075bc-6def-4052-8ed6-b1192d6e6b35 (Tim Kratzke Acano TMSXE Test Meeting)

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9500: sending 200 response, size 0

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9501: **POST for "/api/v1/calls" (from 14.80.99.226)**

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9501: content data size 44, type "application/x-www-form-urlencoded":

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9501: coSpace=458075bc-6def-4052-8ed6-b1192d6e6b35

Jul 26 19:10:34 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created new call ce5ee392-7be6-4227-a7ee-b4f16a5fdd16

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9501: sending 200 response, size 0

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9501: Location: /api/v1/calls/ce5ee392-7be6-4227-a7ee-b4f16a5fdd16

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: **GET for "/api/v1/system/status" (from 14.80.99.226)**

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: sending 200 response, size 518

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <status>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <softwareVersion>2.0(RC)</softwareVersion>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <uptimeSeconds>351848</uptimeSeconds>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <cdrTime>2016-07-26T19:10:30Z</cdrTime>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <activated>>true</activated>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <clusterEnabled>>true</clusterEnabled>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <callLegsActive>0</callLegsActive>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: <callLegsMaxActive>3</callLegsMaxActive>

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: [...]

Jul 26 19:10:34 user.info Core1 host:server: INFO : API trace 9502: </status>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: **GET for "/api/v1/coSpaces" (from 14.80.99.226)**

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: sending 200 response, size 801

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <coSpaces total="4">

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <coSpace id="2be23a10-f400-4436-baef-6058f55ca688">

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <name>Cool Bridge Space</name>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <autoGenerated>>false</autoGenerated>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <uri>cool.bridge.space</uri>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <callId>497540167</callId>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: </coSpace>

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: <coSpace id="f4c9601b-300e-43ac-a283-3e1a00699c2c">

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: [...]

```

Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9503: </coSpaces>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: GET for "/api/v1/calls"
(from 14.80.99.226)
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: sending 200 response, size
253
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: <calls total="1">
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: <call id="ce5ee392-7be6-
4227-a7ee-b4f16a5fdd16">
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: <name>Tim Kratzke Acano
TMSXE Test Meeting</name>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: <coSpace>458075bc-6def-
4052-8ed6-b1192d6e6b35</coSpace>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: <callCorrelator>76331036-
6887-4d88-87ea-2a24a2f585d4</callCorrelator>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: </call>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9504: </calls>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9505: GET for "/api/v1/callegs"
(from 14.80.99.226)
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9505: sending 200 response, size
52
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9505: <callLegs
total="0"></callLegs>
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9506: POST for
"/api/v1/calls/ce5ee392-7be6-4227-a7ee-b4f16a5fdd16/callegs" (from 14.80.99.226)
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9506: content data size 36, type
"application/x-www-form-urlencoded":
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9506:
remoteParty=desk.ex90@tkratzke.local
Jul 26 19:10:35 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" created
new call leg 9f003b66-0539-4513-b609-ed0d93d09781, call ce5ee392-7be6-4227-a7ee-b4f16a5fdd16
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9506: sending 200 response, size
0
Jul 26 19:10:35 user.info Core1 host:server: INFO : API trace 9506: Location:
/api/v1/callLegs/9f003b66-0539-4513-b609-ed0d93d09781
Jul 26 19:10:35 user.info Core1 host:server: INFO : call 7: outgoing SIP call to
"desk.ex90@tkratzke.local" from space "Tim Kratzke Acano TMSXE Test Meeting"
Jul 26 19:10:35 user.info Core1 host:server: INFO : handshake error 104 on outgoing connection
4
Jul 26 19:10:35 user.info Core1 host:server: INFO : call 7: falling back to unencrypted control
connection...
Jul 26 19:10:35 user.info Core1 host:server: INFO : call 7: SIP call ringing
Jul 26 19:10:35 local0.info Core1 host:server: INFO : participant "desk.ex90@tkratzke.local"
joined space 458075bc-6def-4052-8ed6-b1192d6e6b35 (Tim Kratzke Acano TMSXE Test Meeting)
Jul 26 19:10:37 user.info Core1 host:server: INFO : conference "Tim Kratzke Acano TMSXE Test
Meeting": unencrypted call legs now present

```

Estenda uma conferência

Quando você estende uma reunião, TMS faz simplesmente **POSTO** ao espaço específico outra vez com os mesmos campos satisfeitos que quando foi criado. Não há nenhum parâmetro para um **intervalo** do espaço usado neste caso, assim que este comando API não mantém realmente a reunião “viva”, mas serve como uma referência para saber que a reunião era prolongada do lado CMS.

```

Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: PUT for
"/api/v1/cospaces/458075bc-6def-4052-8ed6-b1192d6e6b35" (from 14.80.99.226)
Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: content data size 117, type
"application/x-www-form-urlencoded":
Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: &
Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: nonMemberAccess=true&
Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: passcode=*****
Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: name=Tim Kratzke Acano

```

TMSXE Test Meeting&

Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: secret=86db1bdd-5cf7-4ea8-b88d-479195f4701a

Jul 26 19:35:04 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" modified space 458075bc-6def-4052-8ed6-b1192d6e6b35 (Tim Kratzke Acano TMSXE Test Meeting)

Jul 26 19:35:04 user.info Core1 host:server: INFO : API trace 9711: sending 200 response, size 0

Jul 26 19:35:10 user.info Core1 authp: re-registration from server "callbridge-core2.acanolab2.tkratzke.local"

Termine/remova uma conferência

Quando uma conferência é terminada, TMS atravessa outra vez uma variedade de verificações de status através dos comandos **GET** antes de executar alguma ação. Em seguida, TMS faz **POSTO** ao espaço que corresponde à reunião que está terminando e muda o nome de volta a seu valor do placeholder e ajusta **nonMemberAccess** de volta a falso assim que os usuários e os valores-limite podem já não juntar-se.

Finalmente, TMS envia uma **SUPRESSÃO** para a instância de chamada que crie dentro do espaço.

```
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: GET for
"/api/v1/system/status" (from 14.80.99.226)
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: sending 200 response, size
518
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: <status>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<softwareVersion>2.0(RC)</softwareVersion>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<uptimeSeconds>354538</uptimeSeconds>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: <cdrTime>2016-07-
26T19:55:21Z</cdrTime>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<activated>>true</activated>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<clusterEnabled>>true</clusterEnabled>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<callLegsActive>0</callLegsActive>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874:
<callLegsMaxActive>3</callLegsMaxActive>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: [ ... ]
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9874: </status>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: GET for "/api/v1/coSpaces"
(from 14.80.99.226)
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: sending 200 response, size
801
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: <coSpaces total="4">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: <coSpace id="2be23a10-
f400-4436-baef-6058f55ca688">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: <name>Cool Bridge
Space</name>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875:
<autoGenerated>>false</autoGenerated>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875:
<uri>cool.bridge.space</uri>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: <callId>497540167</callId>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: </coSpace>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: <coSpace id="f4c9601b-
300e-43ac-a283-3e1a00699c2c">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: [ ... ]
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9875: </coSpaces>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: GET for "/api/v1/calls"
```

(from 14.80.99.226)

```
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: sending 200 response, size 253
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: <calls total="1">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: <call id="ce5ee392-7be6-4227-a7ee-b4f16a5fdd16">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: <name>Tim Kratzke Acano TMSXE Test Meeting</name>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: <coSpace>458075bc-6def-4052-8ed6-b1192d6e6b35</coSpace>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: <callCorrelator>76331036-6887-4d88-87ea-2a24a2f585d4</callCorrelator>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: </call>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9876: </calls>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: GET for "/api/v1/coSpaces"
```

(from 14.80.99.226)

```
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: sending 200 response, size 801
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <coSpaces total="4">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <coSpace id="2be23a10-f400-4436-baef-6058f55ca688">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <name>Cool Bridge Space</name>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <autoGenerated>>false</autoGenerated>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <uri>cool.bridge.space</uri>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <callId>497540167</callId>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: </coSpace>
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: <coSpace id="f4c9601b-300e-43ac-a283-3e1a00699c2c">
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: [ ... ]
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9877: </coSpaces>
```

Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: **PUT for "/api/v1/cospaces/458075bc-6def-4052-8ed6-b1192d6e6b35" (from 14.80.99.226)**

```
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: content data size 83, type "application/x-www-form-urlencoded":
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: &
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: nonMemberAccess=false&
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: passcode=*****
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: name=TMS_Scheduled_Meeting_1&
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: regenerateSecret=true
Jul 26 19:55:25 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" modified space 458075bc-6def-4052-8ed6-b1192d6e6b35 (TMS_Scheduled_Meeting_1)
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9878: sending 200 response, size 0
```

Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9879: **DELETE for "/api/v1/calls/ce5ee392-7be6-4227-a7ee-b4f16a5fdd16" (from 14.80.99.226)**

```
Jul 26 19:55:25 local0.info Core1 host:server: INFO : 14.80.99.226: API user "admin" deleted call ce5ee392-7be6-4227-a7ee-b4f16a5fdd16
Jul 26 19:55:25 user.info Core1 host:server: INFO : API trace 9879: sending 200 response, size 0
```

Troubleshooting

Atualmente, não existem informações disponíveis específicas sobre Troubleshooting para esta configuração.