
Laboratorio 3 CUCM

Objetivos:

- SIP Trunks / Route Patterns
- Users
- Extension Mobility

Se configurarán:

- Particiones y CSS para validar llamadas.
- Interno CIPC instalado previamente en la PC local del usuario.
- Validaciones de llamadas usando DNA
- Route Patterns, Route Group y Route List usando dispositivos SIP.
- Un usuario para Extensión Mobility validación de login.
- Device Profile y Suscripción a servicios.

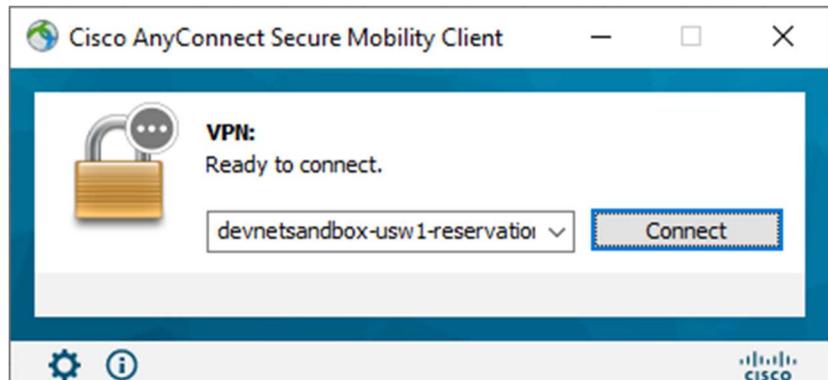
Como entrega de documentación, se piden las capturas de la pantalla que se piden explícitamente.

Programas a usar:

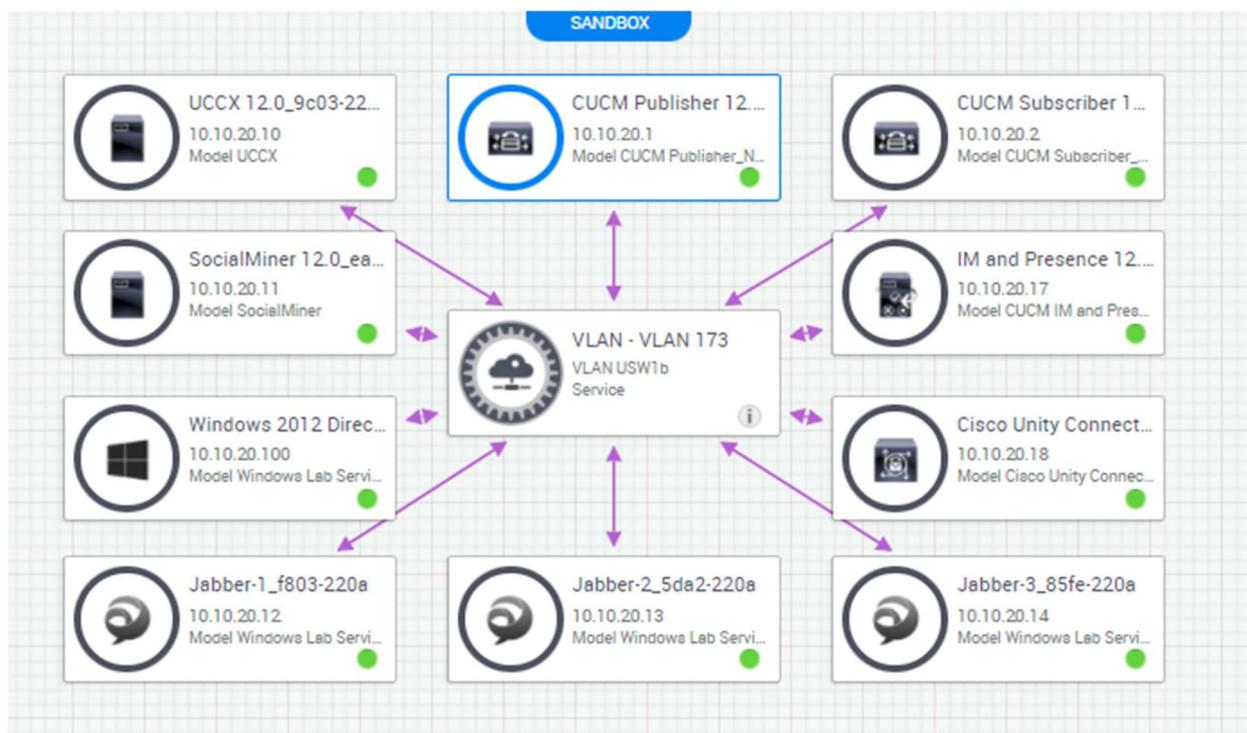
- Cisco CIPC – Software en Teams
- Laboratorio UCCX 12.5 en Cisco Devnet
- Cisco AnyConnect VPN

Datos de Conectividad

- Usar el cliente AnyConnect con los datos que llegaron por mail durante la reserva.



- El Laboratorio UCCX 12.5 cuenta con la siguiente distribución de maquinas



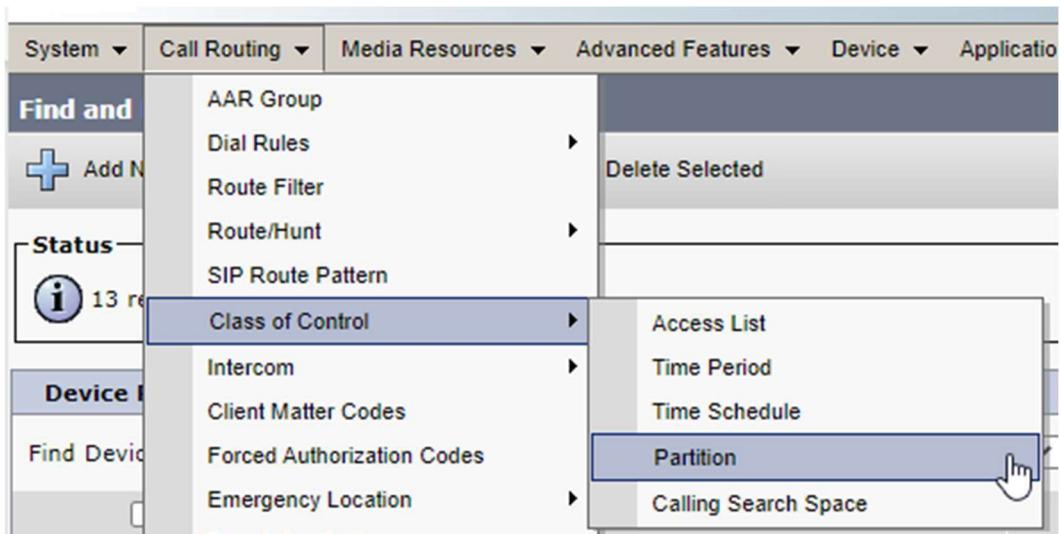
- Las credenciales para todas las maquinas son:
 - User: **administrator**
 - Password **ciscopsdt**
- Las configuraciones se van a realizar en principalmente en el CUCM-Publisher.

CUCM - SIP Trunks / Route Patterns

1 Particiones y CSS

1.1 Particiones

- Crear las siguientes particiones



Status

Status: Ready

Partition Information

To enter multiple partitions, use one line for each partition entry. You can enter up to 75 partitions; the names and descriptions can have up to a total of 1475 characters. The partition name cannot exceed 50 characters. Use a comma (,) to separate the partition name and description on each line. If a description is not entered, Cisco Unified Communications Manager uses the partition name as the description. For example:

<< partitionName >> , << description >>

CiscoPartition, Cisco employee partition

DallasPartition

Name*

PT-Internos, Llamada a Internos Central
PT-Celulares, Llamadas para Celulares Uruguay
PT-Nacionales, Llamadas para Números Nacionales
PT-Internacionales, Llamadas para Números Internacionales.

[PT-Celulares](#)

Llamadas para Celulares Uruguay

[PT-Internacionales](#)

Llamadas para Números Internacionales.

[PT-Internos](#)

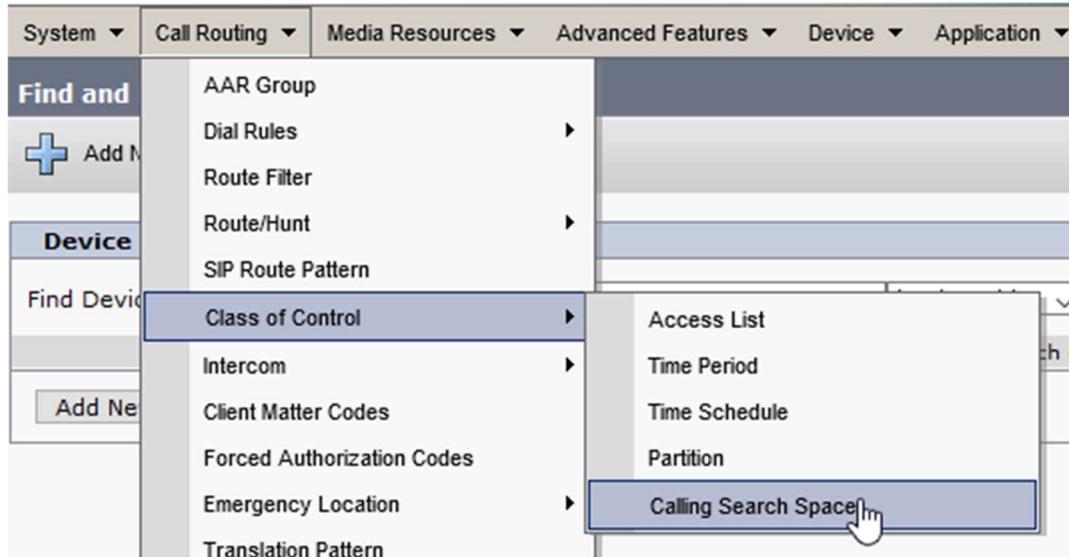
Llamada a Internos Central

[PT-Nacionales](#)

Llamadas para Números Nacionales

- (Incluir esta captura en Entrega)

1.2 Calling Search Space



AL hacer click en Find , traemos todos los que hay actualmente

Calling Search Space (1 - 8 of 8)		
Find Calling Search Space where <input type="text"/> CSS Name <input type="button" value="begins with"/> <input type="button" value="Find"/>		
	CSS Name ^	Description
<input type="checkbox"/>	css_UCCX	UCCX Agents/Supervisors
<input type="checkbox"/>	css_exec	Executive Overwrite
<input type="checkbox"/>	css_exec_1	Executive Overwrite
<input type="checkbox"/>	css_flash	Flash Overwrite
<input type="checkbox"/>	css_flash_1	Flash Overwrite
<input type="checkbox"/>	css_mlpp	MLPP CSS
<input type="checkbox"/>	css_mm	Meet-Me
<input type="checkbox"/>	css_mon	Silent Monitor partition

- Prestar atención al orden a las particiones para cada CSS.

Calling Search Space Information

Name *	CSS-SoloInternos
Description	Solo llamadas entre Internos

Route Partitions for this Calling Search Space

Available Partitions **

[PT-Internacionales](#)
[PT-Jefes](#)
[PT-Nacionales](#)
[PT-Secretaria](#)
[UCCY Partition](#)

▼ ▲

Selected Partitions

[PT-Internos](#)

▼ ▲

Nombre	1era	2da	3era	4ta
CSS-Solo-Internos	PT-Interno			
CSS-I-N	PT-Interno	Pt-Nacionales		
CSS-I-N-C	PT-Interno	Pt-Nacionales	PT-Celulares	

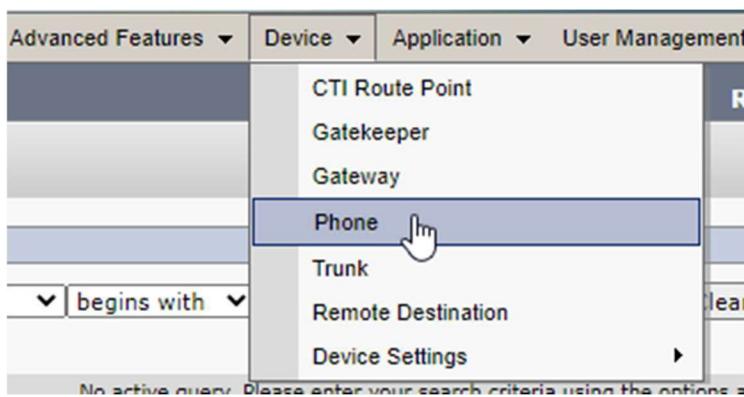
CSS Name ^
CSS-I-N
CSS-I-N-C
CSS-SoloInternos

- (Incluir esta captura en Entrega)

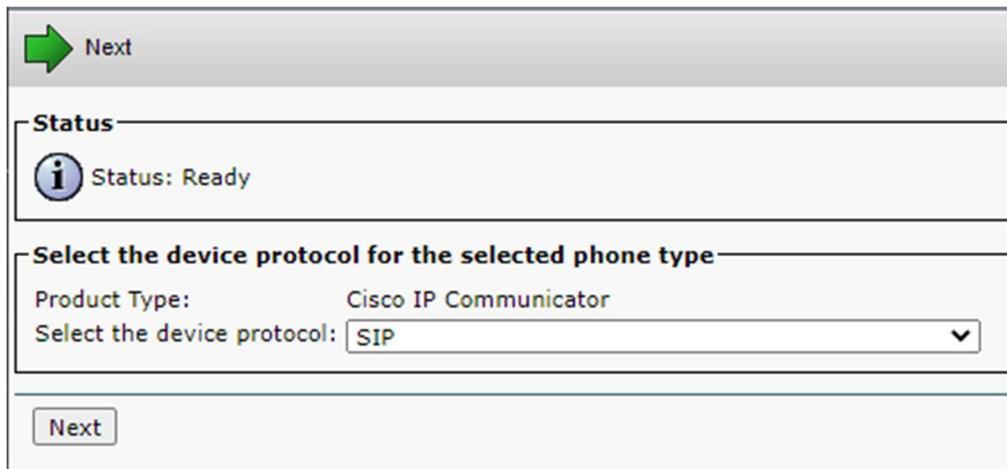
2 PHONE CONFIG

2.1 Configuración Teléfono.

- Vamos a configurar un CIPC. El software se encuentra en la carpeta de Teams, **es importante durante la instalación y cuando lo ejecuten levantarla siempre como Administrador** para que les permita hacer los cambios, y tener una vincha o auricular conectados para que pueda detectar el dispositivo de sonido.



The screenshot shows a configuration page for creating a new phone. At the top, there is a 'Next' button with a green arrow icon. Below it, a 'Status' section displays an information icon and the text 'Status: Ready'. Underneath, a heading says 'Create a phone using the phone type or a phone template'. It includes instructions: 'Start by selecting the type of phone you wish to add, or [click here to add a new phone](#)'. Two radio button options are shown: 'Phone Type*' with 'Cisco IP Communicator' selected in a dropdown, and 'BAT Phone Template*' with '-- Not Selected --' in a dropdown. There is also an 'or' link between the two options.



- Al ser un Softphone, se puede usar cualquier nombre, **DeviceName**, pero cuando es un teléfono fijo, siempre va la **MAC-ADDRESS**.
- Se marca un recuadro en rojo con la información básica para completar.
- Durante todas las configuraciones del Practico use el DEVICE POOL DEFAULT

Device Information

- Device is Active
- Device is trusted

Device Name *

SURENCIPC

Description

Telefono CIPC Alumno XXXXX

Device Pool *

DPUno

v [V](#)

Common Device Configuration

< None >

v [V](#)

Phone Button Template *

Standard CIPC SIP

v

Softkey Template

Standard User

v

Common Phone Profile *

Standard Common Phone Profile

v [V](#)

Calling Search Space

CSS-I-N-C

v

AAR Calling Search Space

< None >

v

Media Resource Group List

< None >

v

User Hold MOH Audio Source

< None >

v

Network Hold MOH Audio Source

< None >

v

Location *

Hub_None

v

AAR Group

< None >

v

User Locale

English, United States

v

Network Locale

United States

v

Built In Bridge *

Default

v

Privacy *

Default

v

Device Mobility Mode *

Default

v [V](#)

Owner

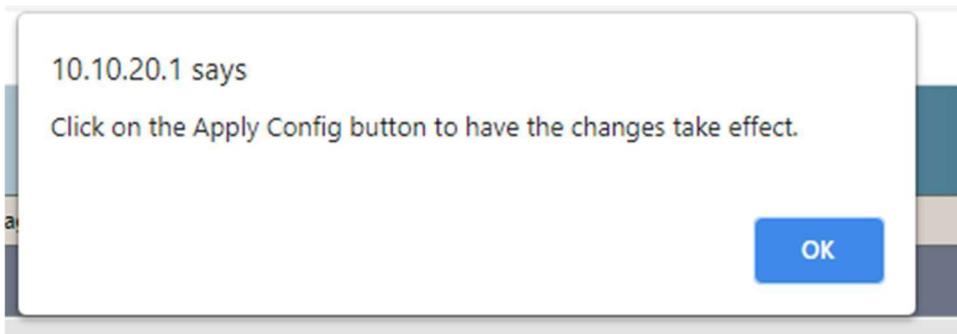
User Anonymous (Public/Shared Space)

Protocol Specific Information

Packet Capture Mode*	None
Packet Capture Duration	0
BLF Presence Group*	Standard Presence group
SIP Dial Rules	< None >
MTP Preferred Originating Codec*	711ulaw
Device Security Profile*	Cisco IP Communicator - Standard SIP Non-Secure
Rerouting Calling Search Space	< None >
SUBSCRIBE Calling Search Space	< None >
SIP Profile*	Standard SIP Profile
Digest User	< None >
<input type="checkbox"/> Media Termination Point Required	
<input type="checkbox"/> Unattended Port	
<input type="checkbox"/> Require DTMF Reception	

[View Details](#)

- Luego de hacer un Save, nos sale el mensaje para realizar un apply config.



Phone Configuration

Save Delete Copy Reset **Apply Config** Add New

Status

Add successful

2.2 Configuración de la Línea

- Hacemos click en la línea a Agregar.

Status

i Add successful

Association

Modify Button Items

1 [TNS Line \[1\] - Add a new DN](#)

2 [TNS Line \[2\] - Add a new DN](#)

3 [Add a new SD](#)

Phone Type

Product Type: Cisco IP Communicator
Device Protocol: SIP

Real-time Device Status

Registration: Unknown
IPv4 Address: None

- Configuramos los parámetros y hacemos un SAVE:
 - Directory Number.
 - Route Partition.
 - Descripción.
 - Alerting Name.

Directory Number Configuration

Save

Status

i Directory Number Configuration has refreshed due to a directory number change. Please click here to refresh.

Directory Number Information

Directory Number*	1000
Route Partition	PT-Internos
Description	Alumno XXXXX
Alerting Name	Alumno XXXXX
ASCII Alerting Name	Alumno XXXXX
External Call Control Profile	< None >
<input checked="" type="checkbox"/> Active	

Directory Number Settings

Voice Mail Profile	< None >	(Choose)
Calling Search Space	CSS-I-N-C	
BLF Presence Group*	Standard Presence group	

- Luego de Guardar no aparece la asociación de nuestra línea al teléfono y podemos configurar parámetros adicionales al fin de la página.

Line 1 on Device AAAABBBBCCCC

Display (Caller ID)	Alumno XXXXX may not see the proper identity of the caller.
ASCII Display (Caller ID)	Alumno XXXXX
Line Text Label	Alumno XXXXX
External Phone Number Mask	
Visual Message Waiting Indicator Policy*	Use System Policy
Audible Message Waiting Indicator Policy*	Default
Ring Setting (Phone Idle)*	Use System Default
Ring Setting (Phone Active)	Use System Default
Call Pickup Group Audio Alert Setting(Phone Idle)	Use System Default
Call Pickup Group Audio Alert Setting(Phone Active)	Use System Default
Recording Option*	Call Recording Disabled
Recording Profile	< None >
Recording Media Source*	Gateway Preferred
Monitoring Calling Search Space	< None >

Directory Number Configuration

Save Delete Reset Apply Config Add New

Status

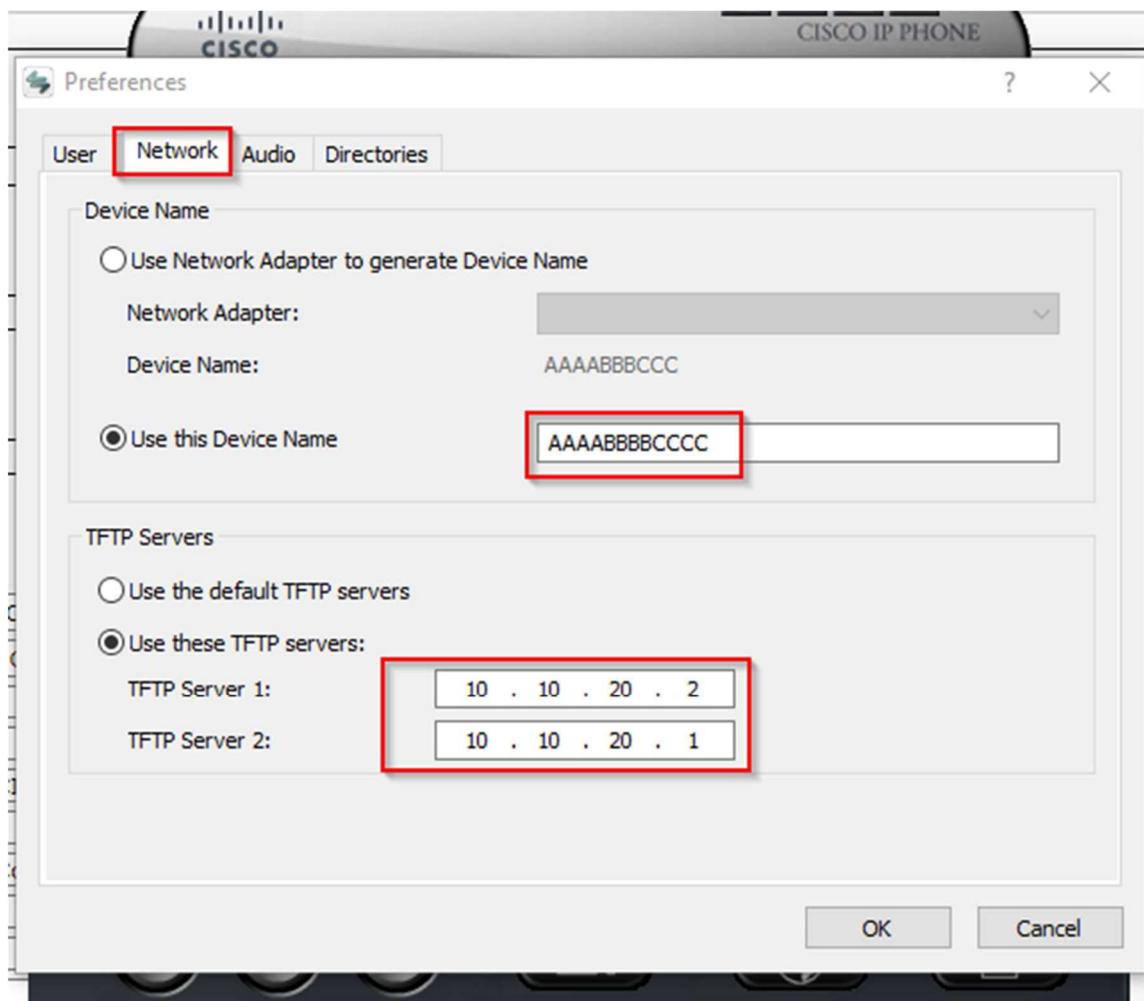
Update successful

2.3 Config IP Communicator

- Ejecutar el CIPC como administrador, ir a MENU y en Network poner los datos que ingresaron en Device Name y poner las IP de los TFTP (CUCM)



- En el cuadro Device Name, tiene que ir el mismo nombre que pusieron al configurar el CIPC en el CUCM



- El proceso puede demorar varios minutos ya que se está conectado por VPN a los servers CUCM y bajando la configuración.

SI DURANTE LA BOOT LES SALE UN ERROR DE locale, apreten cancelar, el CIPC debería registrarse igualmente luego de algunos intentos



Entregar Captura de Pantalla

3 Creación de TRUNKS hacia Gateways

La comunicación para la salida a la PSTN se debe hacer mediante un Gateway.

Para este Lab se usarán Trunks SIP simplificados, usando los **SIP Profile** y **SIP Security Profile** que están ya configurados en el CUCM brindado por el CUCM

El objetivo es configura 2 trunks hacia los gateways

Nombre Trunk: SIPTrunk-GW1-XXXXX 192.168.20.254
 SIPTrunk-GW2-XXXXX 192.168.30.254

Ir a → Device/Trunk

- Al hacer click en Find, nos muestra todos los trunk ya configurados
- Click en **ADD NEW** y elegimos SIP-Trunk

The screenshot shows the 'Status' section with an information icon and the text 'Status: Ready'. Below it is the 'Trunk Information' section, which includes fields for 'Trunk Type*' (set to 'SIP Trunk'), 'Device Protocol*' (set to 'SIP'), and 'Trunk Service Type*' (set to 'None(Default)').

- Click en Next y Completamos los siguientes 2 campos distribuidos por toda la pagina
- Usar el Device Pool **Default**

The screenshot shows the 'Status' section with an information icon and the text 'Status: Ready'. Below it is the 'Device Information' section, which includes fields for 'Product' (set to 'SIP Trunk'), 'Device Protocol' (set to 'SIP'), and 'Trunk Service Type' (set to 'None(Default)'). The 'Device Name*' field contains 'SIPTrunk-GW1-XXXX' and has a red box around it, indicating it is selected. The 'Description' field is empty. The 'Device Pool*' field has a dropdown menu open, showing options: 'SIPTrunk-GW1-XXXX', 'Trunk Sip a Gateway 1', 'DPUno', '< None >', 'Use System Default', and '< None >'. The option 'SIPTrunk-GW1-XXXX' is highlighted with a red box.

SIP Information

Destination

Destination Address is an SRV

Destination Address	Destination Address IPv6	Destination Port
1 * 192.168.20.254		5060

MTP Preferred Originating Codec* 711ulaw

BLF Presence Group* Standard Presence group

SIP Trunk Security Profile* Non Secure SIP Trunk Profile

Rerouting Calling Search Space < None >

Out-Of-Dialog Refer Calling Search Space < None >

SUBSCRIBE Calling Search Space < None >

SIP Profile* Standard SIP Profile

DTMF Signaling Method* No Preference

[View Details](#)

10.10.20.1 says

The configuration changes will not take effect on the trunk until a reset is performed. Use the Reset button to execute the reset.

OK

Trunk Configuration



Save



Delete



Reset



Add New

Status



Add successful

SIP Trunk Status

Service Status: Unknown

Duration: Unknown

Entregar Captura de Pantalla (El Device Pool es Default para ambos)

SIP	SIPTrunk-GW1-XXXX	Trunk Sip a Gateway 1	DPUno	SIP Trunk
SIP	SIPTrunk-GW2-XXXXX	Trunk Sip a Gateway2	DPUno	SIP Trunk

4 Creación de Route Group

Call Routing / Route Hunt / Route Group / Add New

Se van a Crear los siguientes 2 route group

Nombre	Algoritmo	Prioridad1	Prioridad2
RG-GW1-GW2	TopDown	SipGW1	SipGw2
RG-GW12	Circular	SipGW1	SIPGw2

Route Group Information

Route Group Name* RG-GW1-GW2

Distribution Algorithm* Top Down

Route Group Member Information

Find Devices to Add to Route Group

Device Name contains **Find**

Available Devices **

- IMPresence
- PSTN_SIP_Trunk
- S0/SU0/DS1-0@10.10.20.5 [QSIG]
- SIPTrunk-GW1-XXXX**
- SIPTrunk-GW2-XXXXX

Port(s) All

Add to Route Group

Current Route Group Members

Selected Devices (ordered by priority)*

RG-GW1-GW2

Entregar Captura

Current Route Group Members

Selected Devices (ordered by priority)*

SIPTrunk-GW1-XXXX (All Ports)
SIPTrunk-GW2-XXXXXX (All Ports)

Removed Devices***

Route Group Members

 [SIPTrunk-GW1-XXXX](#)

 [SIPTrunk-GW2-XXXXXX](#)

Entregar Captura

Route Group (1 - 3 of 3)

Find Route Group where Route Group Name begins with Find Clear Filter

<input type="checkbox"/>	
<input type="checkbox"/>	RG-GW1-GW2
<input type="checkbox"/>	RG-GW12
<input type="checkbox"/>	RG_Recorder

5 Creación de Route List

Call Routing / Route Hunt / Route List / Add New

Agregar el Siguiente Route List.

Status

 Status: Ready

Route List Information

Device is trusted

Name* RL-1-XXXXX

Description Route List con RG-GW1-GW2 y RG-GW12

Cisco Unified Communications Manager Group* CMGRP-PUB-SUB

Agregamos los Route Group Creados Anteriormente.

Status

 Status: Ready

Route List Information

Registration: Unknown

IPv4 Address: None

Device is trusted

Name* RL-1-XXXXX

Description Route List con RG-GW1-GW2 y RG-GW12

Cisco Unified Communications Manager Group* CMGRP-PUB-SUB

Enable this Route List (change effective on Save; no reset required)

Run On All Active Unified CM Nodes

Route List Member Information

Selected Groups**

Route List Member Information

Route Group* RG-GW1-GW2-[NON-QSIG]

Calling Party Transformations

Use Calling Party's External Phone Number Mask* Default

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Party Number Type* Cisco CallManager

Calling Party Numbering Plan* Cisco CallManager

Called Party Transformations

Discard Digits < None >

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type* Cisco CallManager

Called Party Numbering Plan* Cisco CallManager

Save

[Entregar Captura.](#)

Route List Member Information

Selected Groups** RG-GW1-GW2
RG-GW12

Add Route Group

Removed Groups***

Route List Details

RG-GW1-GW2

RG-GW12

El Route List esta pronto para ser usado en los Route Patterns DNA

Name	Description	Enabled	Status	IPv4 Address
RL-1-XXXXX	Route List con RG-GW1-GW2 y RG-GW12	true	Registered with hq-cucm-pub.abc.inc	10.10.20.1

6 Creación de Route Pattern para Llamadas.

Call Routing / Route Hunt / Route Pattern.

-Pattern Definition

Route Pattern*	9.09[1-9]XXXXXX		
Route Partition	PT-Celulares		
Description	RoutePattern Celulares		
Numbering Plan	-- Not Selected --		
Route Filter	< None >		
MLPP Precedence*	Default		
<input type="checkbox"/> Apply Call Blocking Percentage			
Resource Priority Namespace Network Domain	< None >		
Route Class*	Default		
Gateway/Route List*	RL-1-XXXXX		
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern No Error		
Call Classification*	OffNet		
External Call Control Profile	< None >		
<input type="checkbox"/> Allow Device Override	<input checked="" type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending	<input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code			
Authorization Level*	0		
<input type="checkbox"/> Require Client Matter Code			

Con esta opción elimino el 9 antes de enviarlo al Gateway

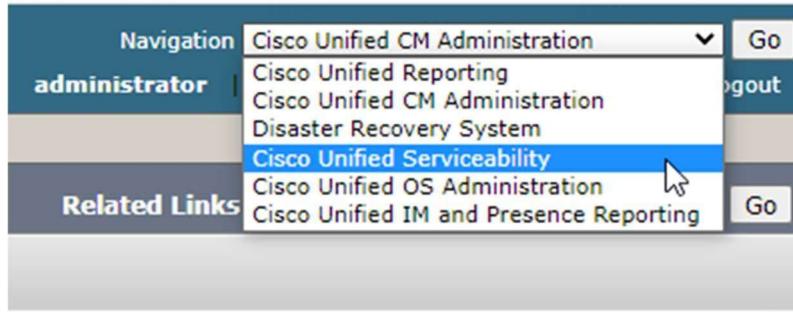
Called Party Transformations	
Discard Digits	PreDot
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	
Called Party Number Type*	Cisco CallManager
Called Party Numbering Plan*	Cisco CallManager

Entregar Captura

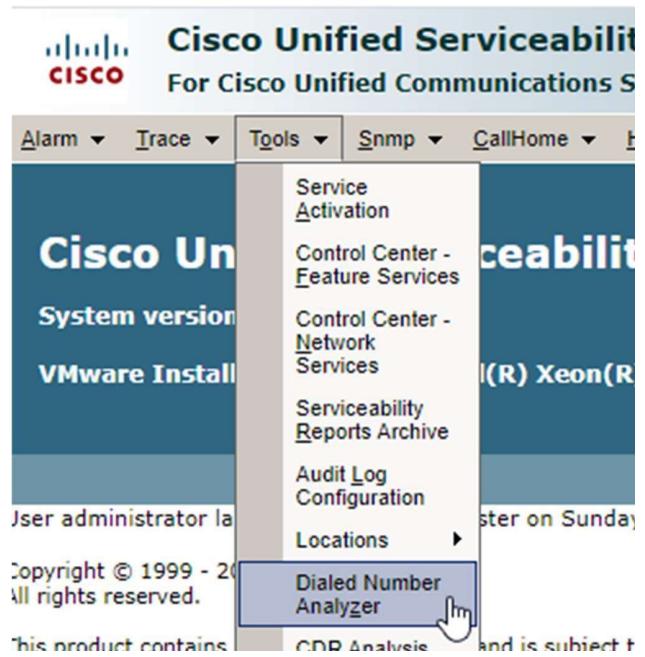
Route Patterns (1 - 13 of 13)					
Find Route Patterns where		Pattern	Description	Partition	Route Filter
	Pattern				Associated Device
<input type="checkbox"/>	234.XXXX	Inter-Cluster Call			ICT_Branch_Trunk
<input type="checkbox"/>	9.09[1-9]XXXXXX	RoutePattern Celulares	PT-Celulares		RL-1-XXXX

7 Herramienta de Análisis DNA

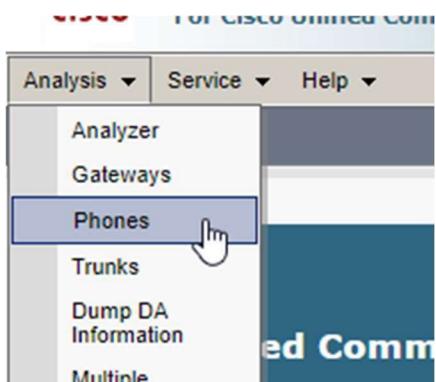
- Ir a Cisco Unified Serviceability
(se recomienda abrir en otro navegador para así tener las 2ventanas)



- El DNA es una herramienta muy útil de Cisco que permite ver la configuración lógica de la central.



- Elegimos nuestro teléfono buscando por directorio.



The screenshot shows the 'Find and List Phones' search interface. At the top, there are three dropdown menus: 'Analysis', 'Service', and 'Help'. Below that is a header bar with the title 'Find and List Phones'. Underneath the header is a 'Search Options' section. It contains a search field labeled 'Find Phone where' with a dropdown menu set to 'Directory Number', a dropdown menu set to 'begins with', and a text input field containing '1000'. To the right of these fields are two buttons: a red-bordered 'Find' button and a checkbox labeled 'Search Within Results' with a red border. Below the search options is a 'Select item or enter search text' dropdown with a red border. At the bottom of the interface is a 'Search Results' section with the message 'No active query. Please enter your search criteria using the options above.' and a 'Rows per Page' dropdown menu set to '50'.

Search Options

Find Phone where **Directory Number** begins with **1000** **Find** Search Within Results

Search Results

CIPC	Device Name(Line)	Description	Device Pool	Extension	Partition	Device Protocol	Status	IP Address
	AAAABBBBCCCC	Telefono CICP Alumno XXXXXX	DPUno	1000	PT-Internos	SIP	Registered	192.168.254.11

Rows per Page **50**

- Status

i Status: Ready

- Device Information (Model = Cisco IP Communicator)

Registration	Registered with Cisco Unified CallManager hq-cucm-pub.abc.inc
IP Address	192.168.254.11
MAC Address	AAAABBBBCCCC
Device Name	AAAABBBBCCCC
Description	Telefono CICP Alumno XXXXXX
Owner User ID	None
Device Pool	DPUno
Call Classification	OnNet
Calling Search Space	None
AAR Calling Search Space	None
Media Resource Group List	None
Device Time Zone	Etc/GMT

Association Information

778 Line [1] - 1000 in PT-Internos

- Analyzer Input

Dialed Digit Settings

Directory URI

Dialed Digits **6001**

Pattern Analysis

SIP Analysis

Domain Route

IP Route

Date and Time Settings

Time Zone

(GMT) Etc/GMT

Date

2021 - May - 2 (YYYY - MMM - DD)

Time

19 - 25 - 41 - 0 (HH : MM : SS : MS)

Do Analysis

Clear



8 ANALISIS de LLAMADA por DNA

Usando el ejemplo anterior de DNA, pero con los números reales, realice una prueba lógica de llamada,desde un dispositivo que tenga permiso para llamadas a Ceuluares.

► Results Summary

► Calling Party Information

- **Dialed Digits** = 9099123456
- **Match Result** = RouteThisPattern

► Matched Pattern Information

- **Called Party Number** = 099123456
- **Time Zone** = Etc/GMT
- **End Device** = RL-1-XXXXXX
- **Call Classification** = OffNet
- **InterDigit Timeout** = NO
- **Device Override** = Disabled
- **Outside Dial Tone** = NO

▼ Call Flow

► Route Pattern :Pattern= 9.09[1-9]XXXXXX

- **Route List :Route List Name**= RL-1-XXXXXX

► RouteGroup :RouteGroup Name= RG-GW1-GW2

► RouteGroup :RouteGroup Name= RG-GW12

► Alternate Matches

Entregar Captura

USERS

9 Crear Usuario

- Asigné el nombre que quiera, una contraseña y un PIN.

The screenshot shows the Cisco Unified CM Administration interface. The top navigation bar includes links for System, Call Routing, Media Resources, Advanced Features, Device, Application, User Management (which is highlighted with a red box), and Bulk Actions. A dropdown menu under User Management is open, showing options: Application User, End User (which is also highlighted with a red box), User/Phone Add, SIP Realm, User Settings, Self-Provisioning, and Assign Presence Users. On the left, there's a 'Find and List Users' section with an 'Add New' button (also highlighted with a red box). The main content area shows a 'User' form with fields for User Status, User ID*, Password, Confirm Password, Self-Service User ID, PIN, Confirm PIN, Last name*, Middle name, First name, and Display name. The 'Enabled Local User' field contains 'UsuarioORT'. The 'Password' and 'Confirm Password' fields both contain '*****'. The 'PIN' and 'Confirm PIN' fields both contain '*****'. The 'Last name*' field contains 'ORT'. The 'First name' field contains 'Usuario'. The 'Display name' field is empty. A 'Save' button is visible at the top of the form.

- Asignar los permisos de **Standard User** para permitir el login en la web

CAPF Information

Associated CAPF Profiles

Permissions Information

Groups

Roles

Find and List Access Control Groups

Access Control Group

Access Control Group where Name begins with Standard CCM

No active query. Please enter your search criteria using the options above.

Access Control Group (1 - 9 of 9) Rows per Page 50

Access Control Group where Name begins with Standard CCM

<input type="checkbox"/>	Name	Rank
<input type="checkbox"/>	Standard CCM Admin Users	1
<input checked="" type="checkbox"/>	Standard CCM End Users	1
<input type="checkbox"/>	Standard CCM Gateway Administration	1
<input type="checkbox"/>	Standard CCM Phone Administration	1
<input type="checkbox"/>	Standard CCM Read Only	1
<input type="checkbox"/>	Standard CCM Read Only Informatica Cosem	1
<input type="checkbox"/>	Standard CCM Server Maintenance	1
<input type="checkbox"/>	Standard CCM Server Monitoring	1
<input type="checkbox"/>	Standard CCM Super Users	1

Permissions Information

Groups: Standard CCM End Users

Roles:

Conference Now Information

Enable End User to Host Conference Now

Meeting Number: _____

Attendees Access Code: _____

Validar la configuración haciendo login en la página <https://10.10.20.1/ucmuser/>

Entregar Captura

EXTENSION MOBILITY (E.M)

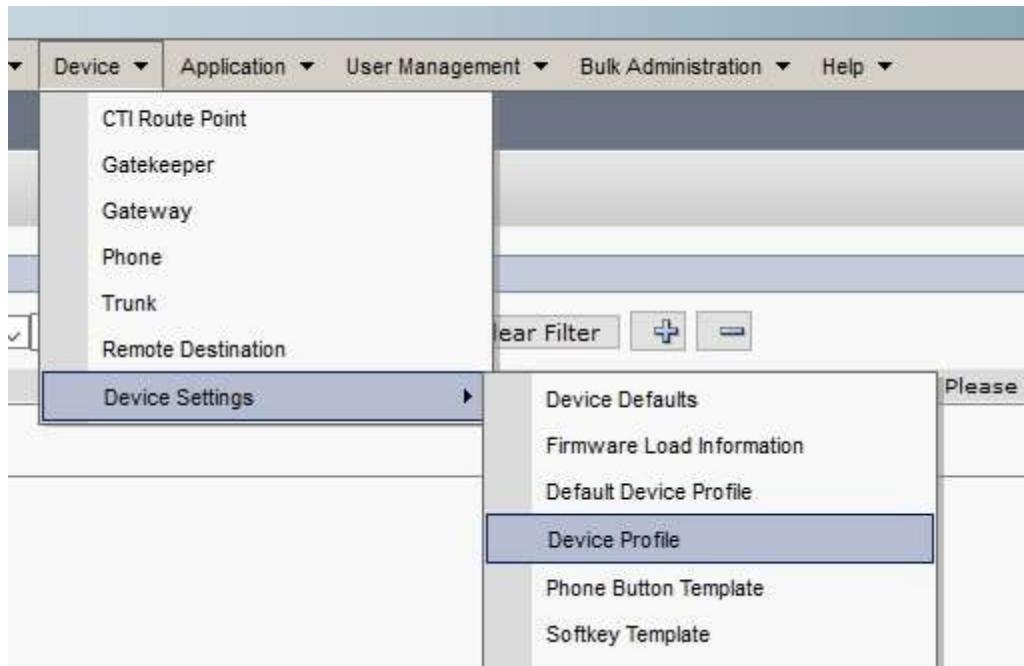
- La función de E.M, se realiza con 4 configuraciones.
 1. Crear un usuario
 2. Crear un Device Profile
 - Suscribirlo a los servicios de E.M.
 3. Habilitar en el Teléfono la función de E.M
 - Suscribirlo a los servicios de E.M
 4. Vincular el Usuario al Device Profile

Crear un usuario

- Resuelto en Parte Anterior

Crear un Device Profile

- El Device profile permite asignar una configuración independiente para cada modelo.



A screenshot of a 'Find and List Device Profiles' screen. It has a header 'Find and List Device Profiles' and a sub-header 'Device Profile'. At the top left is a blue '+' icon labeled 'Add New'. Below it is a search bar with dropdowns for 'Profile Name' and 'begins with', followed by 'Find' and 'Clear Filter' buttons. A red box highlights the 'Add New' button in the main list area.

- Elegir el modelo de CIPC

Device Profile Configuration

 Next

Status

 Status: Ready

Select the type of device profile you would like to create

Device Profile Type*

 * - indicates required

Next

Cisco 8861
Cisco 8865
Cisco 8941
Cisco 8945
Cisco 8961
Cisco 9951
Cisco 9971
Cisco DX650
Cisco DX70
Cisco DX80
Cisco Dual Mode for iPhone
Cisco IP Communicator
Cisco Jabber for Tablet
Cisco TelePresence Codec C40
Cisco TelePresence Codec C60
Cisco TelePresence Codec C90
Cisco TelePresence DX70
Cisco TelePresence DX80
Cisco TelePresence EX60

- Elegir el protocolo SIP

Status

i Status: Ready

Select the type of device profile you would like to create

Product Type:	Cisco IP Communicator
Select the device profile protocol:	SIP
Device Protocol*	SIP

Next

i *- indicates required item.

- Ingresar los nombres que prefieran

Status

i Status: Ready

User Device Profile Information

Product Type:	Cisco IP Communicator
Device Protocol:	SIP
Device Profile Name*	ProfileUsuarioORT
Description	Perfil de CIPC Usuario ORT
User Hold MOH Audio Source	< None >
User Locale	< None >
Phone Button Template*	Standard CIPC SIP
Softkey Template	< None >
Privacy*	Default
Single Button Barge	Default
Join Across Lines	Default
Always Use Prime Line*	Default
Always Use Prime Line for Voice Message*	Default

- Configurar una línea con una extensión diferente a la que configuro en el CIPC

Device Profile Configuration

Save Delete Copy

Status

Add successful

Association		User Device Profile Information
<input type="button" value="Modify Button Items"/> 1 Line [1] - Add a new DN 2 Line [2] - Add a new DN 3 Add a new SD 4 Add a new SD 5 Add a new SD 6 Add a new SD 7 Add a new SD 8 Add a new SD ----- Unassigned Associated Items ----- 9 Add a new SD 10 Add a new SURL 11 Add a new BLF SD 12 Add a new BLF Directed Call Park 13 Do Not Disturb		Product Type: Cisco IP Communicator Device Protocol: SIP Device Profile Name* ProfileUsuarioORT Description Perfil de CIPC Usuario ORT User Hold MOH Audio Source < None > User Locale < None > Phone Button Template* Standard CIPC SIP Softkey Template < None > Privacy* Default Single Button Barge Default Join Across Lines Default Always Use Prime Line* Default Always Use Prime Line for Voice Message* Default <input type="checkbox"/> Ignore Presentation Indicators (internal calls only) <input type="checkbox"/> Do Not Disturb DND Option* Use Common Phone Profile Setting DND Incoming Call Alert < None > Extension Mobility Cross Cluster CSS < None >

Entregar Captura

- Suscribir el Profile al servicio de EM

Device Profile Configuration

Save Delete Copy

Status

Status: Ready

Association		User Device Profile Information
<input type="button" value="Modify Button Items"/> 1 Line [1] - 3000 in exec 2 Line [2] - Add a new DN 3 Add a new SD 4 Add a new SD		Product Type: Cisco IP Communicator Device Protocol: SIP Device Profile Name* ProfileUsuarioORT Description Perfil de CIPC Usuario ORT

Related Links:

- Subscribe/Unsubscribe Services
- Back To Find/List
- Dependency Records
- Add a New Line Appearance
- Add/Update Speed Dials
- Add/Update Busy Lamp Field Speed Dials
- Add/Update Busy Lamp Field Directed Call Park
- Add/Update Service URL Buttons
- Subscribe/Unsubscribe Services**

Subscribed Cisco IP Phone Services for ProfileUsuarioORT

 Next  Help

Status

 Status: Ready

Service Information

Service Subscription: New

Select a Service*

Service Description

Subscribed Services

Subscribed Cisco IP Phone Services for ProfileUsuarioORT

 Save  Help

Status

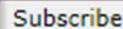
 Status: Ready

Service Information

Service Subscription: EM

Service Name*

Subscribed Services

Subscribed Cisco IP Phone Services for Promeosuan0001

Save ? Help

Status

Add successful

Service Information

Service Subscription: EM
Service Name*

Subscribed Services

[Subscribe a New Service](#)

EM

[Unsubscribe](#) [Delete](#)

- Cerrar la ventana y volver a repetir el procedimiento para suscribirlo también al EMC
- Esto muestra que un teléfono puede tener múltiples servicios asociados.

Habilitar Función E.M. en el Teléfono

- Vuelva al CIPC que se configuro en la parte 1 y habilite E.M

Extension Information

Enable Extension Mobility
Log Out Profile

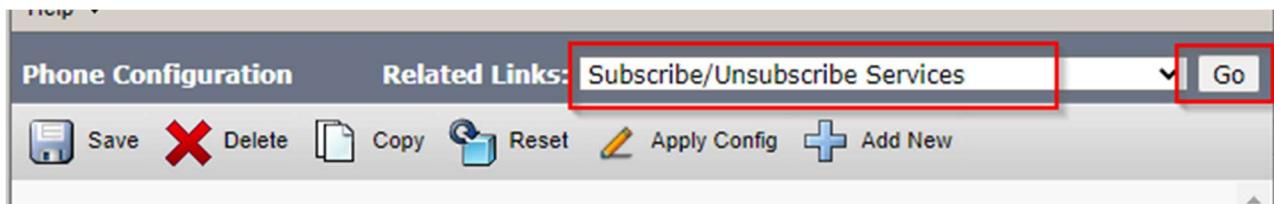
Log in Time < None >
Log out Time < None >

MLPP and Confidential Access Level Information

MLPP Domain
Confidential Access Mode
Confidential Access Level

Do Not Disturb

- Suscribir el teléfono al servicio de EM y EMC tal como se hizo con el Profile



No se olvide de hacer un Apply Config al Terminar

Vincular el usuario a un Device Profile

- Por ultimo se hace la vinculación entre el Usuario y el Profile
- Vaya al Usuario creado, asigne el profile y guarde la config

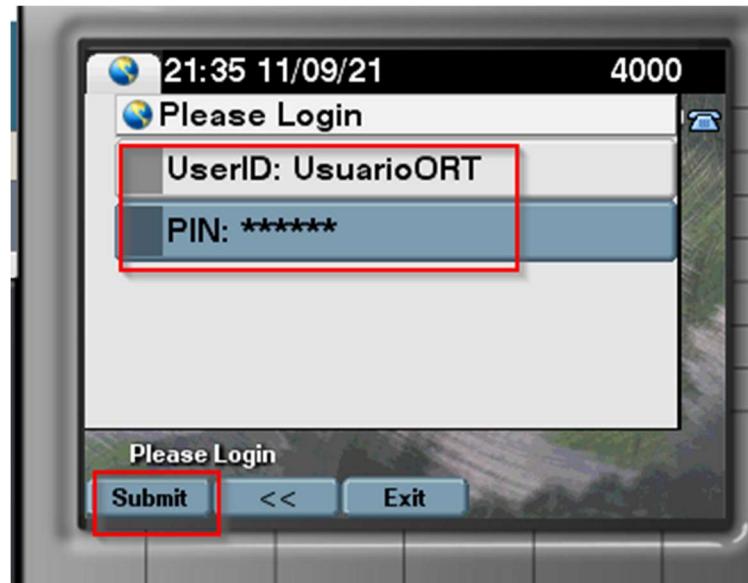
Extension Mobility

Available Profiles	<ul style="list-style-type: none">EM_1054EM_2056EM_2057ProfileUsuarioORT
Controlled Profiles	<div style="border: 1px solid #ccc; padding: 5px; height: 100px; width: 100%; position: relative;"><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"></div></div>
Default Profile	-- Not Selected --
BLF Presence Group*	Standard Presence group
SUBSCRIBE Calling Search Space	< None >
Maximum Login Time (HHH:MM)	<input type="text"/>
<input checked="" type="checkbox"/> Allow Control of Device from CTI	
<input type="checkbox"/> Enable Extension Mobility Cross Cluster	

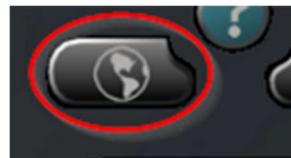
Validación de Ingreso de Extension Mobiltiy

Ingrese a los servicios





- Se realiza el login
- Apretar el botón de Servicio nuevamente



Entregar la captura que muestre el mensaje del Logout.

FIN DEL PRACTICO