

All About Transferring Calls Out of Voicemail

Kevin Koeper Instructor/Consultant CCIE #38155

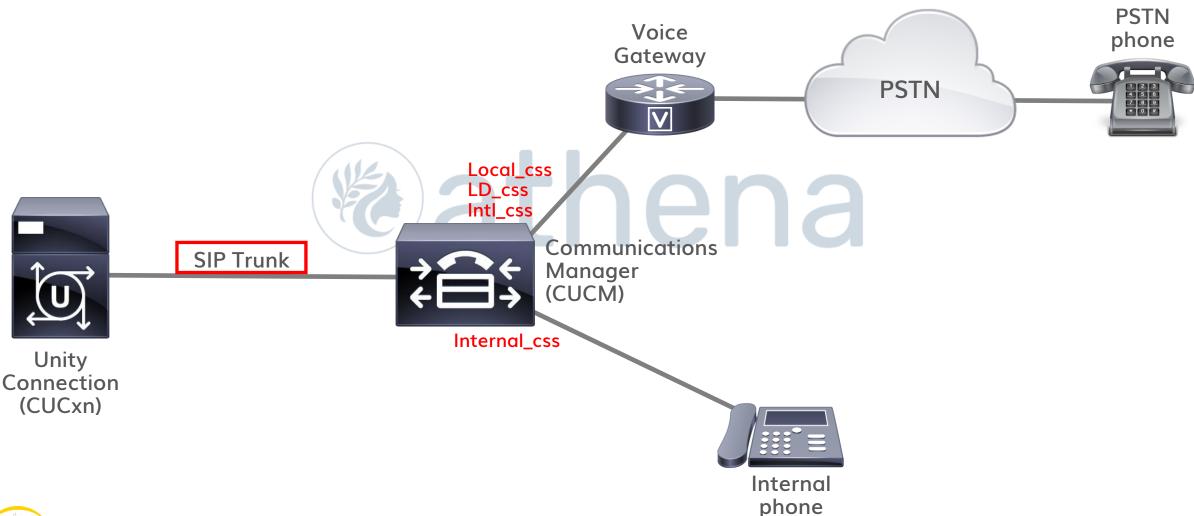
October 2023

Our Agenda

- Overview of Voicemail Call Routing
- Transferring From a Voicemail Box to a Phone
 - Administrator defined single button to ring a phone
 - Transferring From One Voicemail Box to Another
 - Administrator defined single button to transfer to a mailbox
- Allowing User Defined Transfers During an Outgoing Greeting
 - User entered transfers to internal extensions
 - User entered transfers to external off-net numbers
- Transferring an Active Call Directly to Voicemail



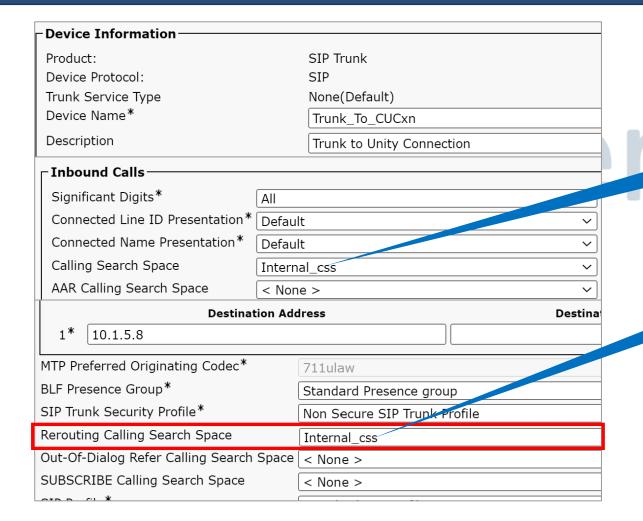
Overview of Voicemail Call Routing





Overview of Voicemail Call Routing (Cont.)

Call permissions are defined on the SIP trunk in CUCM



Permissions for MWI (Message Waiting Indicator)

Outbound calling permissions





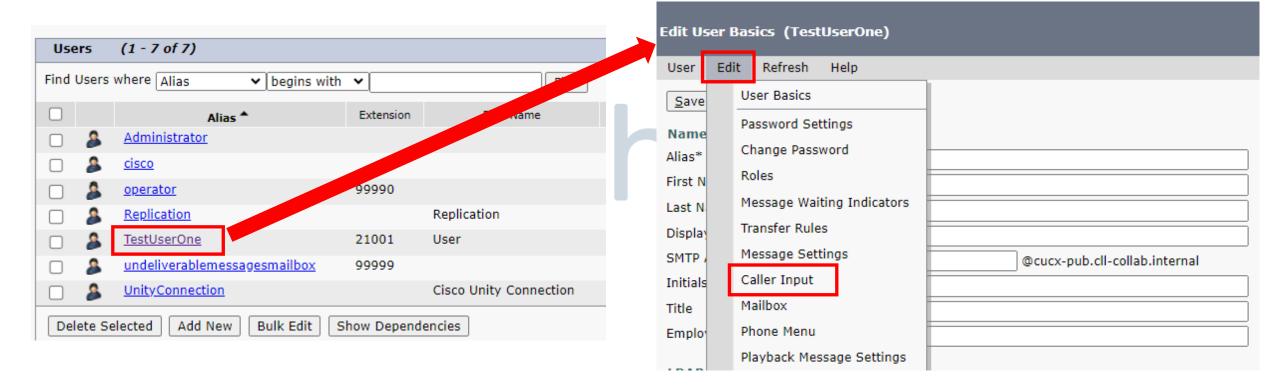


athena athena

Transferring From a Voicemail Box to a Phone

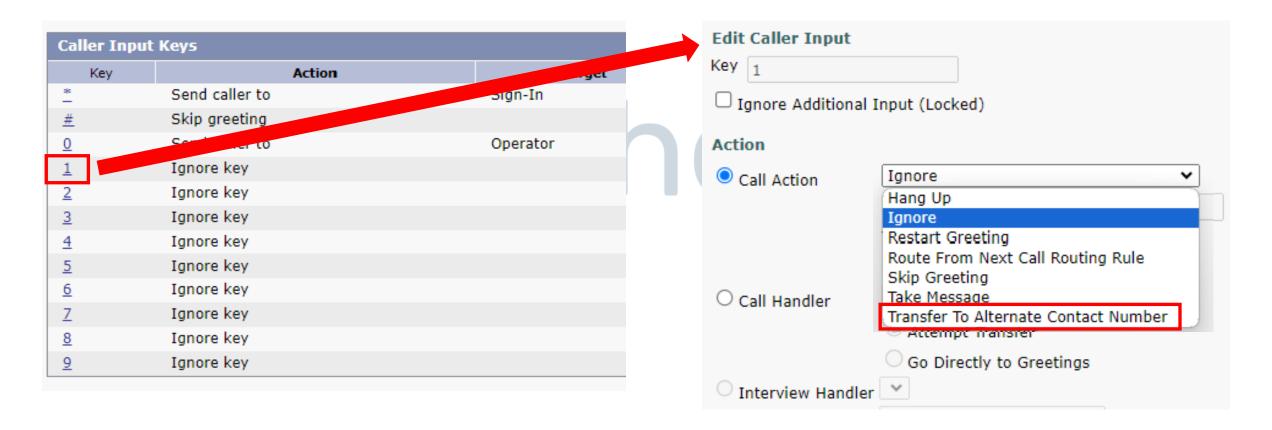


Transferring From a Voicemail Box to a Phone



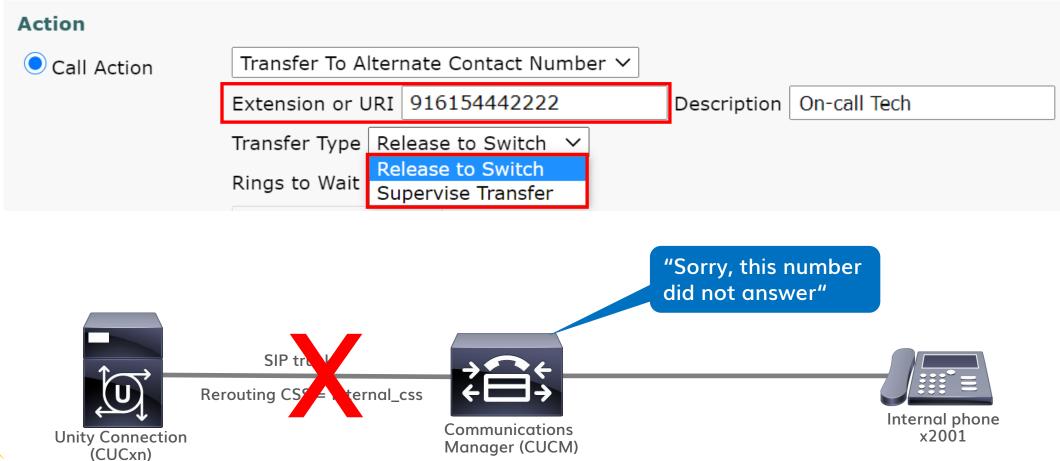


Transferring From a Voicemail Box to a Phone (Cont.)

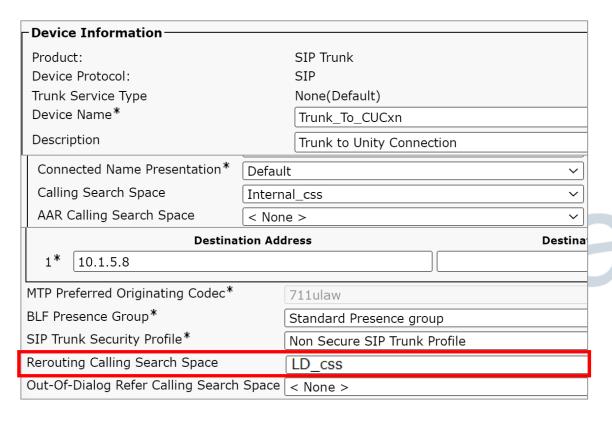


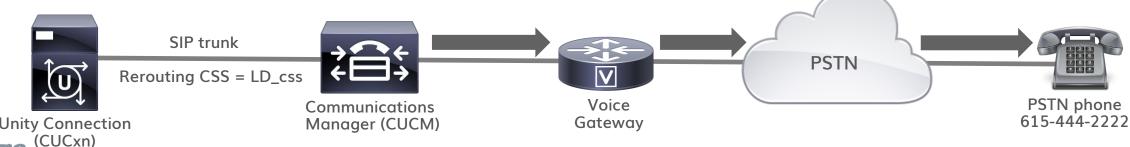


Transferring From a Voicemail Box to a Phone (Cont.)



Configuring Transfer Permissions







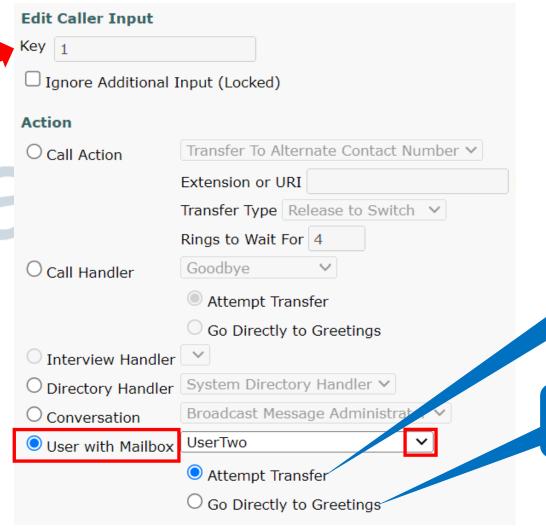


Transferring From One Voicemail Box to Another



Transferring From One Voicemail Box to Another







Send to the user's

voicemail box

Ring the user's

phone





Allowing User Defined Transfers During an Outgoing Greeting



Allowing User Defined Transfers During an Outgoing Greeting

Dialing an extension associated with another mailbox, while hearing an outgoing greeting, is allowed by default





1	2	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8	9 wxyz
*	0	#



Allowing User Defined Transfers During an Outgoing Greeting (Cont.)

Caller Input Keys with a status of "unlocked" allow dialing to an extension that starts with that digit

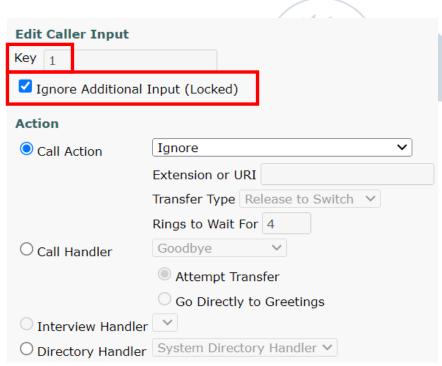
Caller Input Keys				
Key	Action	Target	Status	
*	Send caller to	Sign-In	Locked	
<u>#</u>	Skip greeting		Locked	
<u>0</u>	Send caller to	Operator	Unlocked	
<u>1</u>	Ignore key		Unlocked	
<u>2</u>	Ignore key		Unlocked	
<u>3</u>	Ignore key		Unlocked	
4	Ignore key		Unlocked	
<u>5</u>	Ignore key		Unlocked	
<u>6</u>	Ignore key		Unlocked	
<u>7</u>	Ignore key		Unlocked	
<u>8</u>	Ignore key		Unlocked	
9	Ignore key		Unlocked	
Wait for Additional Digits 1500 milliseconds				

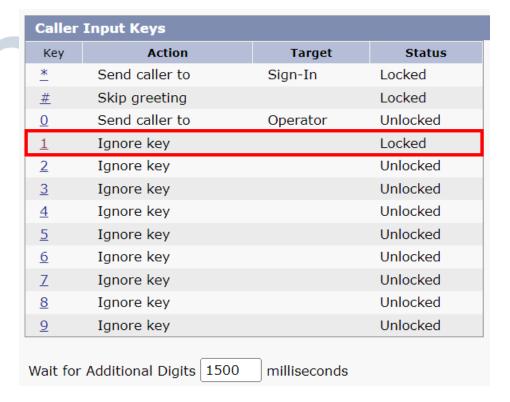




Allowing User Defined Transfers During an Outgoing Greeting (Cont.)

To block dialing by extension, "Lock" the first digit of your extensions to the action defined on the Caller Input page





Allowing User Defined Transfers During an Outgoing Greeting (Cont.)

When pressing an "Unlocked" key, CUCM waits for the "Wait for Additional Digits" timer to expire before doing the action

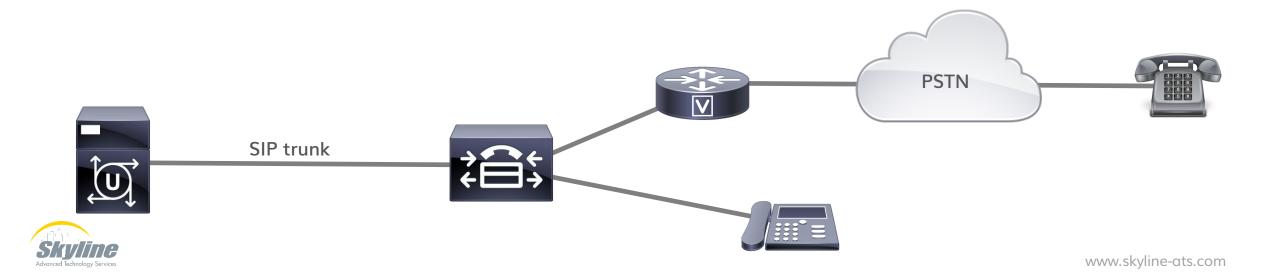
Caller 1				
Key	Action	Target	Status	
*	Send caller to	Sign-In	Locked	
<u>#</u>	Skip greeting		Locked	
<u>0</u>	Operator Operator		Unlocked	
<u>1</u>	Ignore key		Locked	
<u>2</u>	Restart greeting		Unlocked	
<u>3</u>	Ignore key		Unlocked	
<u>4</u>	Ignore key		Unlocked	
<u>5</u>	Ignore key		Unlocked	
<u>6</u>	Ignore key		Unlocked	
7	Ignore key		Unlocked	
<u>8</u>	Ignore key		Unlocked	
9	Ignore key		Unlocked	
Wait for Additional Digits 1500 milliseconds				



Allowing User Defined Transfers to Other Numbers

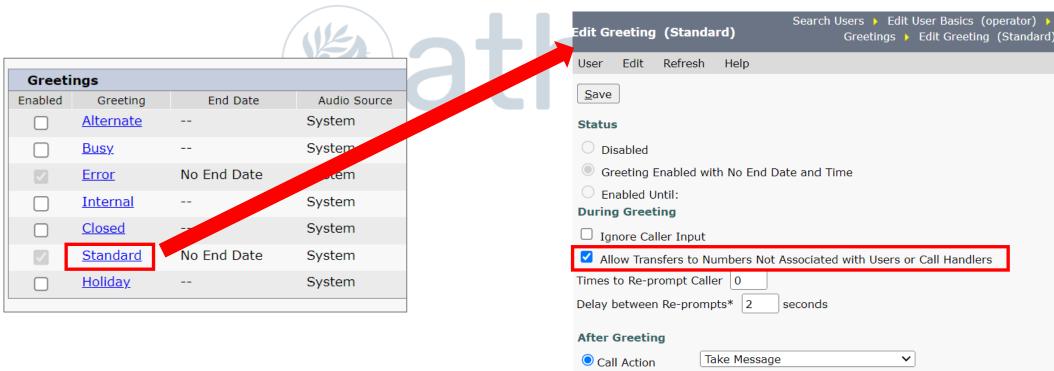
To allow users to dial a number that is **not** assigned to a voicemail box

- Need to allow dialing non-mailbox numbers on the Greetings page of the mailbox
- Need to allow the dialed number in the restriction table
- The SIP trunk from CUCM to CUC must allow the number



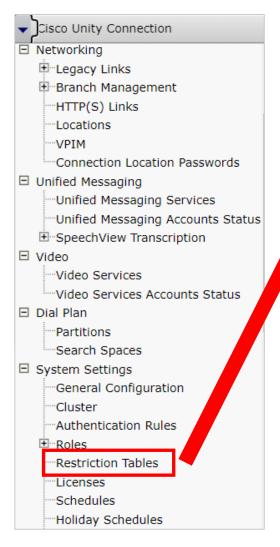
Allowing Transfers on the Greetings Page

Check the box for "Allow Transfers to Numbers Not Associated with Users or Call Handlers"

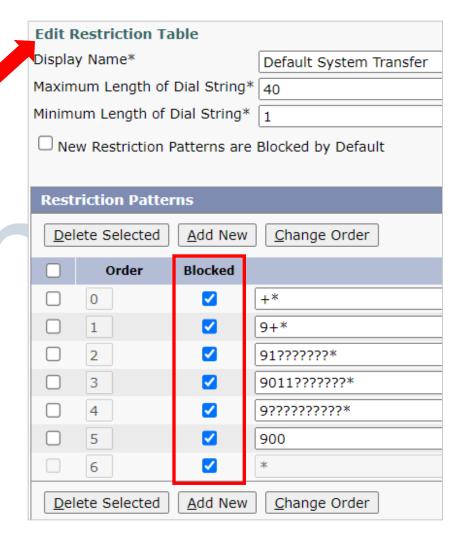




Allowing Transfers in the Restriction Table







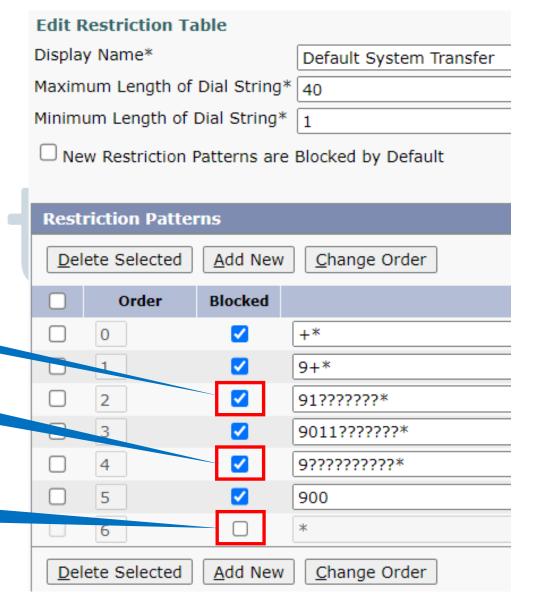


Allowing Transfers in the Restriction Table



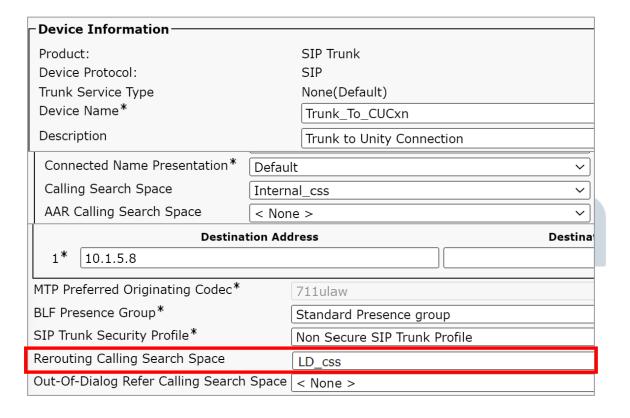
Blocks user dialed transfers to Local numbers

Blocks user dialed transfers to any number (except mailbox numbers)





SIP Trunk Rerouting CSS Must Allow Transfer





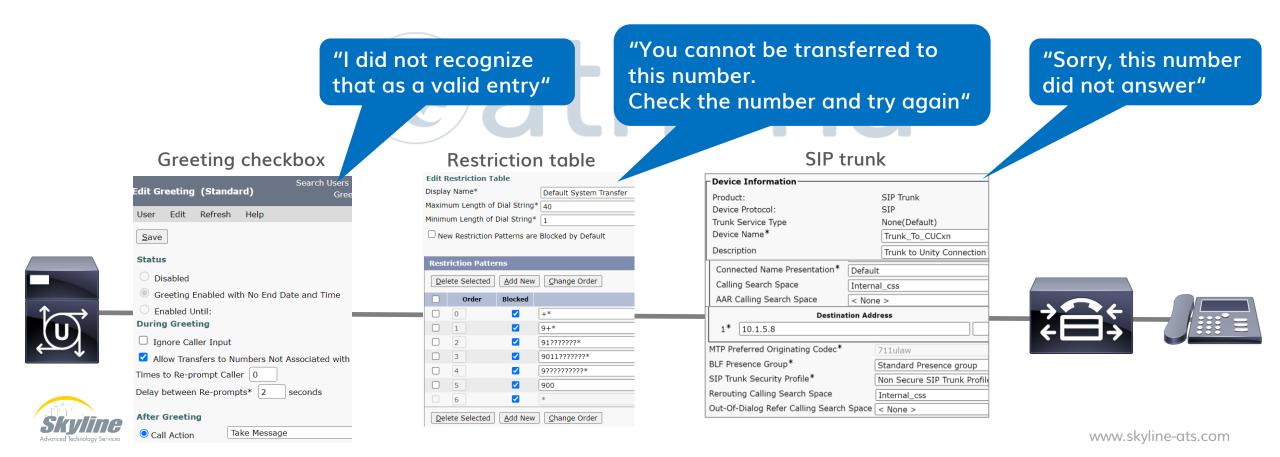






Allowing User Defined Transfers

- Need to allow dialing non-mailbox numbers on the Greetings page of the mailbox
- Need to allow the dialed number in the restriction table
- The SIP trunk from CUCM to CUC must allow the number



Blocking Off-Net Transfers Per User

"Locking" the 9 key will block user transfers to off-net numbers that use the 9 as a routing digit

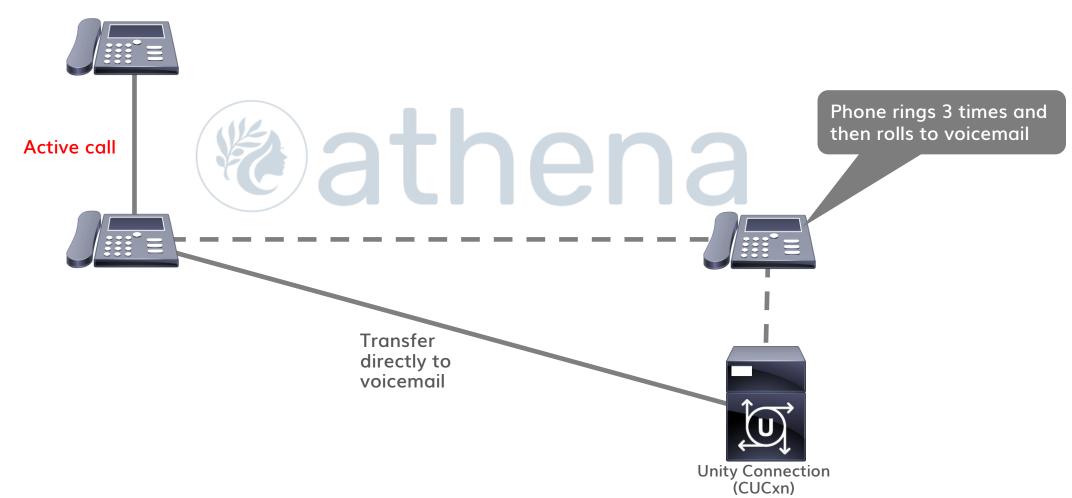
Key	Action	Target	Status	
*	Send caller to	Sign-In	Locked	
<u>#</u>	Skip greeting		Locked	
<u>0</u>	Send caller to	Operator	Unlocked	
1	Ignore key		Locked	
2	Restart greeting		Unlocked	
<u>3</u>	Ignore key		Unlocked	
<u>4</u>	Ignore key		Unlocked	
<u>5</u>	Ignore key		Unlocked	
<u>6</u>	Ignore key		Unlocked	
<u>Z</u>	Ignore key		Unlocked	
<u>8</u>	Ignore key		Unlocked	
<u>9</u>	Ignore key		Locked	
Wait for Additional Digits 1500 milliseconds				





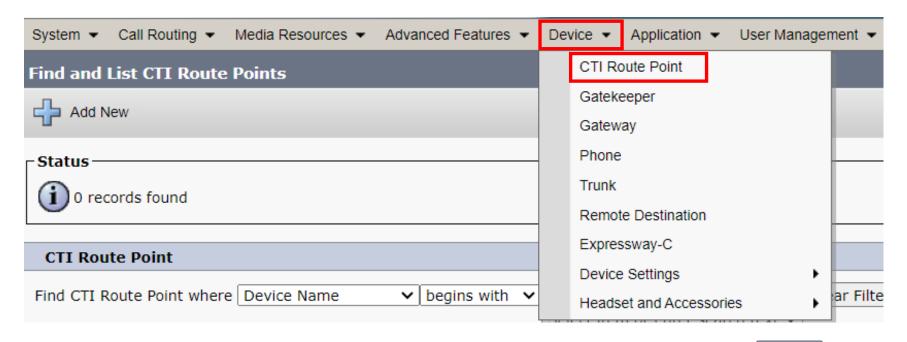








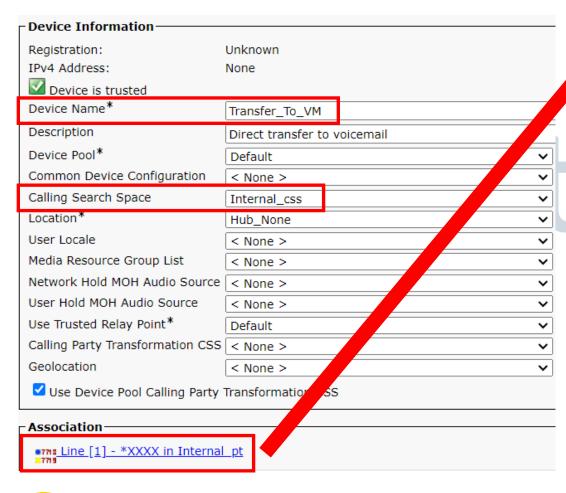
Use a CTI Route Point that is forwarded to voicemail

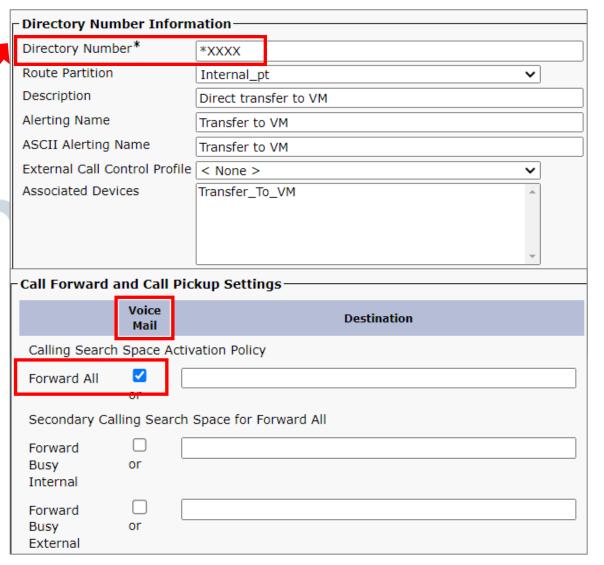






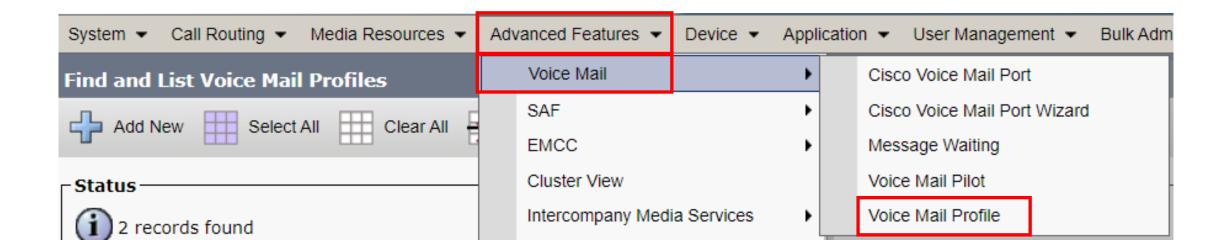








* plus the extension will be sent to voicemail









The Voicemail Mask should match the length of the extension

	-Voice Mail Profile Information				
	Voice Mail Profile	Default_Unity	(used by 5 devices)		
	Voice Mail Profile Name*	Default_Unity	У		
Description Default voice messaging profile					
	Voice Mail Pilot**	1999/Interna	al_css v	•	
	Voice Mail Box Mask	XXXX			
	☑ Make this the default Voice Mail Profile for the System				







While on an active call:

- Press the Transfer button
- Dial * plus the extension
 - Press the Transfer button again









Summary

- Transferring From a Voicemail Box to a Phone
 - Single button press
- Transferring From One Voicemail Box to Another
 - Single button press
 - Allowing User Defined Transfers During an Outgoing Greeting
 - Transfers to internal extensions
 - Transfers to external off-net numbers
- Transferring an Active Call Directly to Voicemail



Questions





Thank you for attending.

If you have any additional questions, or would like to learn more about our Athena program, please email...

pka@skyline-ats.com





