Customization After Automatic Setup

Time Estimate: 60 – 90 minutes

Task 1: Edit Custom Profiles

- **NOTE** Take a few minutes to familiarize yourself with the lab topology. Use the Lab Topology Diagram to familiarize yourself with the LAN/WAN IP addresses so that you remain oriented throughout the labs.
- **Step 1** Log in to the BE 3000 and access the Users/Phones -> Usage Profile menu.



Step 2 The profiles you created during Automatic Setup are listed, along with the default profiles:

Usage Profiles	Jsage Profiles		
Name	Description		
Assistant	For assistants		
Common Area	For uses like common area phones (meeting room phone, etc)		
ISS-1	Single Line		
ISS-4-MD	Mobility + Do Not Disturb		
ISS-4-MM	Mobility + Meet Me		
ISS-4-SD	Speed Dial		
Manager	For managers		
Power	For users like IT administrators, etc		
Standard	For regular employees		

- **Step 3** The Automatic Setup configures only the settings on the General tab of each profile. We need to complete the profile setup.
- Step 4 Our primary need in this demo is to showcase as many features as we can with just four phones, so our choices may not necessarily be the same as you might make for a production system. We'll include a copy of the table below in the demo script lab so that you have a fast reference to help you understand the capabilities of each phone in the demo kit.

Name:	ISS-4-MD	ISS-4-MM	ISS-4-SD	ISS-1
Setting:				
Target Model	8941	8941	6941	3905
Target User(s)	Lu P	Tao L	Suresh R	Anna T
Description	Mobility + Do Not Disturb	Mobility + Meet Me	Speed Dial	Single Line
Calls Allowed	International	International	International	Long Distance
Emergency Calls	Allow	Allow	Allow	Allow
Barge	No	No	Allow (5400)	No
Park	Allow	Allow	Allow	No
Pick Up	Allow	Allow	Allow	Allow
Reach Me	Allow	Allow	No	No
Extension Mobility	Allow/Allow	Allow/Allow	No/No	No/No
Voice Mail / Divert	Allow	Allow	Allow	No
CFB/CFNA	VM	VM	VM	5042
Hold Audio	Sample	Audio Jack	Sample	Sample
Button Template	Line Line Mobility DND	Line Line Mobility Meet Me	Line Line Line Speed Dial	Line
Mobility	Button 3	Button 3	Ν	Ν
Meet Me	N	Button 4	N	N
DND	Button 4	N	N	N
Speed Dial	N	N	CiscoHQ - 14085264000	N

Step 5 The settings for custom profiles are listed below:

Step 6 Click the Edit link for the ISS-4-MD profile. The General tab should look as follows:

d Usage Pro	ofile	
General	Phone Button Template	Phone Features Phone Applications
Profile Inf		
Name:	ISS-4-MD	
Description	n: Mobility + Do Not	(Disturb
Allowed C Highest Le	alls	International Calls
Emergenc	y Calls:	☑ Allow
Call Features		Allow user to barge in on calls
Call Barge	:	
Call Park:		Allow user to park call and pick call up from another phone
Call Picku	p:	✓ Allow user to pick up calls of another user
Reach Me	Anywhere:	Allow user to be reached on multiple phones at the same tim
Extension	Mobility:	Allow Cisco Extension Mobility to be used on phone of user
		Allow user to use Cisco Extension Mobility service
Voicemail:		Allow user to use Voicemail service
Call Divert	:	Allow users to divert an incoming call to voicemail
Forward B	usy Calls To:	Voicemail
Forward N	o Answer Calls To:	✓ Voicemail
Audio For	Hold:	Sample Audio Source

Step 7 Choose the Phone Button Template tab and change the settings as follows (double click in the feature column to change each setting):

Add Usage Profile				
General	Phone Button Template	Phone Features	Phone Applications	
Button Nu	mber	Feature		
1		Line		
2		Line		
3		Mobility		
4		Do Not Disturb		

Step 8 Click the Save button.

Step 9 A confirmation message will appear. Click Continue.

Confirm Save UsageProfile In order to save the changes to the usage profile, all phones owned by users with this profile need to be rebooted. The system will wait until phones are idle to reboot them, so no calls be disconnected, but features such as redial, conferencing and transfer will be unavailable currently active calls.		
Do you want to continue saving changes to the usage profile?		

Step 10 Click the Usage Profile entry in the left hand navigation pane to return to the list of profiles.

Monitoring
🗕 👤 Users/Phones
Users
Phones
Departments
Usage Profiles
Attendant Group
Phone Applications
Hunt Lists

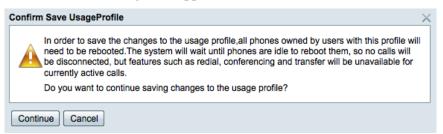
Step 11 Click the Edit link for the ISS-4-MM profile. The General tab should look as follows – note that you should change the Audio For Hold to Audio Jack:

Add Usage Profile		
General Phone Button	Template Phone Fea	atures Phone Applications
Profile Information		
* Name: ISS-4	MM	
Description: Mobili	y + Meet Me	
Allowed Calls		
 Highest Level of Calls Allo 	wed: In	ternational Calls
Emergency Calls:	\checkmark	Allow
Call Features		
Call Barge:		Allow user to barge in on calls
Call Park:	\checkmark	Allow user to park call and pick call up from another phone
Call Pickup:	✓	Allow user to pick up calls of another user
Reach Me Anywhere:	\checkmark	Allow user to be reached on multiple phones at the same time
Extension Mobility:	✓	Allow Cisco Extension Mobility to be used on phone of user
		Allow user to use Cisco Extension Mobility service
Voicemail:	✓	Allow user to use Voicemail service
Call Divert:	\checkmark	Allow users to divert an incoming call to voicemail
Forward Busy Calls To:	\checkmark	Voicemail
Forward No Answer Calls	Го: 🗹	Voicemail
Audio For Hold:	A	udio Jack

Step 12 Choose the Phone Button Template tab and change the settings as follows (double click in the feature column to change each setting):

Add Usage Pr	dd Usage Profile				
General	Phone Button Template	Phone Features Phone Applications			
Button Nur	nber	Feature			
1		Line			
2		Line			
3		Mobility			
4		Meet Me Conference			

- Step 13 Click the Save button.
- Step 14 A confirmation message will appear. Click Continue.



Step 15 Click the Usage Profile entry in the left hand navigation pane to return to the list of profiles.

Monitoring	
🗕 👤 Users/Phones	
Users	
Phones	
Departments	
Usage Profiles	
Attendant Group	
Phone Applications	
Hunt Lists	

A

Step 16 Click the Edit link for the ISS-4-SD profile. The General tab should look as follows:

General Phone Button Template Phone Features Phone Applications Profile Information * Name: [ISS-4-SD] Description: Speed Dial * Allowed Calls * International Calls * Highest Level of Calls Allowed: International Calls * * Emergency Calls: ✓ Allow * * ✓ Allow Call Features ✓ Allow user to barge in on calls * Call Park: ✓ Allow user to park call and pick call up from another phone Call Park: ✓ Allow user to pick up calls of another user * Allow user to pick up calls of another user Reach Me Anywhere: Allow user to use Cisco Extension Mobility be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: ✓ Allow users to divert an incoming call to voicemail Forward Busy Calls To: ✓ Voicemail * Forward No Answer Calls To: ✓ Voicemail * Audio For Hold: Sample Audio Source *	dd	ld Usage Profile						
 Name: ISS-4-SD Description: Speed Dial Allowed Calls Highest Level of Calls Allowed: International Calls Emergency Calls: ✓ Allow Call Features Call Faetures Call Park: ✓ Allow user to barge in on calls Call Pickup: ✓ Allow user to park call and pick call up from another phone Call Pickup: ✓ Allow user to pick up calls of another user Reach Me Anywhere: Allow cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: Voicemail Forward Busy Calls To: ✓ Voicemail Forward No Answer Calls To: 		General Phone	Button Template	Phone Features	Phone Applications			
Description: Speed Dial Allowed Calls International Calls # Highest Level of Calls Allowed: International Calls Emergency Calls: International Calls Call Features Allow Call Features International Calls Call Features International Calls Call Park: International Calls Call Park: International Calls Call Park: International Calls of another user Call Pickup: International Calls of another user Reach Me Anywhere: Allow user to pick up calls of another user Reach Me Anywhere: Allow user to be reached on multiple phones at the same time Extension Mobility: Allow Cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail Voicemail: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Voicemail Forward No Answer Calls To: Voicemail		Profile Information	1					
Allowed Calls * Highest Level of Calls Allowed: Emergency Calls: ✓ Allow Call Features Call Park: Call Pickup: ✓ Allow user to barge in on calls Call Pickup: Reach Me Anywhere: Extension Mobility: ✓ Allow user to be reached on multiple phones at the same time Extension Mobility: ✓ Allow user to use Cisco Extension Mobility service Voicemail: ✓ Allow users to divert an incoming call to voicemail Forward Busy Calls To: ✓ Voicemail Forward No Answer Calls To:	*							
 Highest Level of Calls Allowed: International Calls Emergency Calls: Call Features Call Barge: Call Park: Call Park: Call Pickup: Allow user to park call and pick call up from another phone Call Pickup: Allow user to pick up calls of another user Reach Me Anywhere: Allow Cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: Voicemail Forward Busy Calls To: Voicemail Voicemail Voicemail Voicemail Voicemail Voicemail]			
Imaginate Earch of data Plants Emergency Calls: Call Features Call Barge: Call Park: Call Park: Call Pickup: Reach Me Anywhere: Extension Mobility: Allow user to be reached on multiple phones at the same time Extension Mobility: Allow user to use Cisco Extension Mobility service Voicemail: Call Divert: Forward Busy Calls To: Forward No Answer Calls To:		, monou ouno						
Call Features Call Park: Call Park: Call Pickup: Reach Me Anywhere: Extension Mobility: Allow user to be reached on multiple phones at the same time Extension Mobility: Allow user to use Cisco Extension Mobility service Voicemail: Call Divert: Forward Busy Calls To: Forward No Answer Calls To:	*	Highest Level of Ca	Ils Allowed:	Internat	ional Calls			
Call Barge: ✓ Allow user to barge in on calls Call Park: ✓ Allow user to park call and pick call up from another phone Call Pickup: ✓ Allow user to pick up calls of another user Reach Me Anywhere: △ Allow user to be reached on multiple phones at the same time Extension Mobility: △ Allow Cisco Extension Mobility to be used on phone of user ○ Allow user to use Cisco Extension Mobility service Voicemail: ✓ Allow user to use Voicemail service Call Divert: ✓ Allow users to divert an incoming call to voicemail Forward Busy Calls To: ✓ Voicemail Forward No Answer Calls To: ✓ Voicemail		Call Features		☑ Allow				
Call Park: Image: Call Park: Call Park: Image: Allow user to park call and pick call up from another phone Call Pickup: Image: Allow user to pick up calls of another user Reach Me Anywhere: Image: Allow user to be reached on multiple phones at the same time Extension Mobility: Image: Allow Cisco Extension Mobility to be used on phone of user Image: Allow user to use Cisco Extension Mobility service Voicemail: Image: Allow user to use Voicemail service Call Divert: Image: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail					vuser to harne in on calls			
Call Pickup: Image: Allow user to pick up calls of another user Reach Me Anywhere: Allow user to be reached on multiple phones at the same time Extension Mobility: Allow Cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: Image: Allow user to use Voicemail service Call Divert: Image: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail								
Reach Me Anywhere: Allow user to be reached on multiple phones at the same time Extension Mobility: Allow Cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: Image: Call Divert: Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail		Call Park:		Allow user to pick up calls of another user				
Extension Mobility: Allow Cisco Extension Mobility to be used on phone of user Allow user to use Cisco Extension Mobility service Voicemail: Allow user to use Voicemail service Call Divert: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Voicemail Forward No Answer Calls To: Voicemail		Call Pickup:						
Allow user to use Cisco Extension Mobility service Voicemail: Image: Allow user to use Voicemail service Call Divert: Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail		Reach Me Anywher	e:					
Voicemail: Image: Allow user to use Voicemail service Call Divert: Image: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail		Voicemail:			v Cisco Extension Mobility to be used on phone of user			
Call Divert: Image: Allow users to divert an incoming call to voicemail Forward Busy Calls To: Image: Voicemail Forward No Answer Calls To: Image: Voicemail					v user to use Cisco Extension Mobility service			
Forward Busy Calls To: Voicemail Forward No Answer Calls To: Voicemail				Allow	user to use Voicemail service			
Forward No Answer Calls To:				Allow	users to divert an incoming call to voicemail			
		Forward Busy Calls	To:	Voic	cemail 💽			
Audio For Hold: Sample Audio Source		Forward No Answer	r Calls To:	Voic	cemail			
		Audio For Hold:		Sample	Audio Source			

Step 17 Choose the Phone Button Template tab and change the settings as follows (double click in the feature column to change each setting):

Add Usage	dd Usage Profile				
General	Phone Button Template	Phone Features	Phone Applications		
Button N	lumber	Feature			
1		Line			
2		Line			
3		Line			
4		Speed Dial			

- **Step 18** Click the Save button.
- Step 19 A confirmation message will appear. Click Continue.

Confirm Save UsageProfile	<
In order to save the changes to the usage profile,all phones owned by users with this profile will need to be rebooted. The system will wait until phones are idle to reboot them, so no calls will be disconnected, but features such as redial, conferencing and transfer will be unavailable for currently active calls.	
Do you want to continue saving changes to the usage profile?	
Continue Cancel	-

Step 20 Click the Edit link for the ISS-1 profile. The General tab should look as follows:

d Usage Pr	ofile	
General	Phone Button Template	Phone Features Phone Applications
Profile In Name:	formation ISS-1	
Descriptio	n: Single Line	
Allowed	Calls	
Highest L	evel of Calls Allowed:	Long Distance Calls
Emergeno	y Calls:	✓ Allow
Call Feat		
Call Barge	:	Allow user to barge in on calls
Call Park:		Allow user to park call and pick call up from another phone
Call Picku	p:	Allow user to pick up calls of another user
Reach Me	Anywhere:	Allow user to be reached on multiple phones at the same time
Extension	Mobility:	Allow Cisco Extension Mobility to be used on phone of user
		Allow user to use Cisco Extension Mobility service
Voicemail		Allow user to use Voicemail service
Call Diver	t	Allow users to divert an incoming call to voicemail
Forward E	usy Calls To:	5042
Forward N	lo Answer Calls To:	5042
Audio For	Hold:	Sample Audio Source

Step 21 Choose the Phone Button Template tab and change the settings as follows (double click in the feature column to change each setting):

A	Add Usage Profile				
	General	Phone Button Template	Phone Features	Phone Applications	
	Button Number		Feature		
	1		Line		

Step 22 The changes to these profiles have been applied to the affected users and phones.

Task 2: Edit Users, Phones and Hunt Lists

Step 1 Log in to the BE 3000 and access the Users/Phones -> Users menu.



Step 2 You should have 4 existing users with information for each user as follows:

Name	Profile	User ID	Password	PIN	Admin Access	Line Numbers
Luciana P	ISS-4-MD	LuP	be3000	12345	Ν	5100/6100
Anna T	ISS-1	AnT	be3000	12345	Ν	5200/6200
Suresh R	ISS-4-SD	SuR	be3000	12345	Ν	5300/6300
Tao L	ISS-4-MM	TaL	be3000	12345	Y	5400/6400

Continued...

Name	Line Numbers	External Caller ID	
		(same for both lines)	
Luciana P	5100/6100	9585505100	
Anna T	5200/6200	9585505200	
Suresh R	5300/6300	9585505300	
Tao L	5400/6400	9585505400	

Step 3 Each user has a main extension number as configured during automatic setup. We want to add a secondary extension (in the 6000 range) to each user as per the table above.

Step 4 For each user, you will click the edit button and associate their additional line number by clicking on the plus symbol. In more detail, the steps are:

Click +

Line Number	External Caller ID	Call Forward All	
5100	9585505100	Phone Number	

Then complete the fields of the new line number entry (in this example 6100).

Line Numbers			
	Show User's Phone	es	
Line Number	External Caller ID	Call Forward All	
5100	9585505100	Phone Number	
6100	9585505100	Phone Number	< + - <

Step 5 As an example, the settings for Luciana P are shown below:

[General Speed Dials				
	User Information				
	First Name:	Luciana			
*	Last Name:	Ρ			
	E-mail Address:				
*	Usage Profile:	ISS-4-MD			
	System and Device Acce	SS			
*	User ID:	LuP			
	Password:	Reset Credentials			
	Confirm Password:				
	Confirm Password:				
		User must change password at next login			
	Phone PIN:				
	Confirm Phone PIN:				
	Enable Administrator A	Access			
	Line Numbers	Show User's Phones			
	Line Number External Caller ID Call Forward All				
	5100 9585505100 Phone Number				
	6100 9	585505100 Phone Number 🕞 🕂 🗨 🌊			

Step 6 Click Save after editing each user's settings and continue editing users until all have been configured with their additional extension.

Step 7 Each of the users should now have two extensions when you are finished.

Users				
Filter Last Name Go Clear Filter				Clear Filter
Last Name	First Name	User ID	Usage Profile	Line Numbers
P	Luciana	LuP	ISS-4-MD	5100, 6100
т	Anna	AnT	ISS-1	5200, 6200
R	Suresh	SuR	ISS-4-SD	5300, 6300
L	Тао	TaL	ISS-4-MM	5400, 6400

- Step 8We will also configure a speed dial for Suresh. Click the Edit button next to Suresh
R and then click on the Speed Dials tab.
- **Step 9** Edit entry 1 by setting the Phone Label and Phone Number to the following:

Cisco HQ	914085264	000	
Users/Phones > User Edit User - Su			
General Spe	ed Dials		
Phone Label		Phone Number	
1 Cisco HQ		914085264000	÷ - · ^

- Step 10 Click Save.
- **Step 11** Click on the Phones menu link.

Monitoring
👻 Users/Phones
Users
Phones
Departments
Usage Profiles
Attendant Group
Phone Applications
Hunt Lists

Step 12 You should have 4 existing phones, as follows (your MAC addresses will be different):

Phones					
Filter Extension			Go Clear Filter		
Name	Owner	Extension	Description	Model	Actions
SEP503DE57D9FDC	LuP	5100	Customer Relations	Cisco 8941	Edit Delete
SEP64D989693654	AnT	5200	Engineering	Cisco 3905	Edit Delete
SEP503DE5E941EA	SuR	5300	Research	Cisco 6941	Edit Delete
SEP503DE57D5E55	TaL	5400	Project Management	Cisco 8941	Edit Delete

Step 13 Add a second extension for each phone as per the table below:

Owner	Extension 2
LuP	6100
AnT	6200
SuR	6300
TaL	6400

Step 14 For each phone, click the Edit button and add the appropriate extension in the number 2 position and click Save.

Ex	Extensions					
	Extension	Owner				
* 1	5100	LuP 🗸 🔨				
2	6100	LuP 🗸 🔨				
3						

Step 15 Click the Users/Phones entry in the left hand navigation pane to return to the list of phones so that you can continue editing:



- Step 16 Each of the phones should now have two extensions when you are finished.
- Step 17 Set up a shared line on Suresh's phone so that its third button uses the same extension as Tao's primary extension. Click the edit link for Suresh's phone and select extension 5400 for line 3.

Step 18 The settings for Suresh's phone at extension 5300 are shown below:

*	Pho	one Type:	Cisco 6941
*	MA	C Address:	503DE5E941EA
	Dev	vice Name:	SEP503DE5E941EA
	Des	cription:	Research
		Do Not Disturb	
	Exte	ensions	Extension Owne
*	1	5300	
	2	6300	
	3	5400	
	4		
	5		
	6		

- Step 19 Click Save.
- **Step 20** Take note of the logic when assigning extensions to lines. Assigning the same extension to lines on two different phones creates a shared line. Assigning the same extension to two different lines on the same phone creates a rollover line.
- Step 21 Click on the Hunt Lists link.



- Step 22 Click Add Hunt List.
- **Step 23** Create a hunt group using the following settings:

Pilot Extension: 5041

Name: ISS-BroadcastGroup

Hunt Type: Broadcast

Selected Extensions: 5100, 5200, 5300, 5400

Forward if no extensions are available: 5400

*	General Pilot Extension	5041
*	Name:	ISS-BroadcastGroup
*	Hunt Type	Broadcast
	Extensions	
	Available	Selected
	6400 (TaL) 6200 (AnT) 6300 (SuR) 6100 (LuP)	> 5100 (LuP) 5200 (AnT) 5300 (SuR) 5400 (TaL)
	Forward if no extens available	sions are 🔽 5400 (TaL)

Step 24 Your settings should look similar to the following:

- Step 25 Click OK.
- **Step 26** Create a hunt group using the following settings:

Pilot Extension: 5042

Name: ISS-TopDown

Hunt Type: Top Down

Selected Extensions: 5100, 5300, 5400

Forward if no extensions are available: 5400

Step 27 Your settings should look similar to the following:

	General Pilot Extension	5042				
* 1	Name:	ISS-TopDown				
* F	lunt Type	Top Down			-	
E	Extensions					
1	vailable				Selected	
	6400 (TaL) 6200 (AnT) 5200 (AnT) 6300 (SuR) 6100 (LuP)			> 	5100 (LuP) 5300 (SuR) 5400 (TaL)	
	Forward if no extens	sions are	✓ 5400 (*	TaL)		

Step 28 You should have two hunt groups when you are finished:

Hunt List		
Filter Pilot		
Pilot	Name	Туре
5041	ISS-BroadcastGroup	Broadcast
5042	ISS-TopDown	Top Down

Task 3: Configure Auto Attendant

Step 1 Access the System Settings -> Auto Attendant menu.

Monitoring
▶ 🧕 Users/Phones
Connections
👻 🔆 System Settings
Administrator
Auto Attendant
Call Detail Offloading
Date/Time
Dial Plan
Music on Hold
Voice Feature Settings

- **Step 2** Change the Auto Attendant mode to Auto Attendant with different Menus for Open and Closed Hours.
- **Step 3** Note that the Auto Attendant Extension is 5000 this is the number that we will direct outside callers to so that we can efficiently handle their calls.
- **Step 4** By default all days of the week are selected as business days deselect Saturday and Sunday.
- **Step 5** Note that the default start time is 8AM and the default duration is 9 hours. This implies that the close time is 5PM.
- Step 6 In our lab, the Open Hours tab will control the Auto Attendant behavior from Monday to Friday, 8AM to 5PM and the Closed Hours tab will control Auto Attendant behavior from 5PM to 8AM the next day.
- **Step 7** The Business Hours tab should look similar to the following:

Business Hours	Open Hours Closed Hours							
Time Zone : (GMT-5:00) America/New_York								
Run Open Hours Menu during following Times								
Day	Start Time (hh:mm)	Duration (Hours:Minutes)	End Time (hh:mm)					
Sunday	08 💽 : 00 💌	09 💽 : 00 💌						
Monday	08 💌 : 00 💌	09 💽 : 00 💌	17:00					
Tuesday	08 💽 : 00 💌	09 💽 : 00 💌	17 : 00					
Vednesday	08 💽 : 00 💌	09 💽 : 00 💌	17:00					
Thursday	08 💌 : 00 💌	09 💌 : 00 💌	17:00					
🗹 Friday	08 🛒 : 00 💌	09 💌 : 00 💌	17:00					
Saturday	08 💽 : 00 💽	09 🗨 : 00 💌						

Step 8 Click on the Open Hours tab and apply the following settings:

Enable callers to dial lines directly: Enabled

- Key 1 Enabled, 5100
- Key 2 Enabled, 5200
- Key 3 Enabled, 5300
- Key 4 Enabled, 5400
- Key 5 Enabled, 5041
- Key 6 Enabled, 5042
- Step 9 The Open Auto Attendant audio greeting should match the features that have been enabled. We have provided a sample file that you can use or you can create and upload your own file.
- Step 10 Click the Browse button and access the .wav file of your choice. Our sample file is named ISS-Open.wav
- **Step 11** Your settings should look similar to the following:

Mode: Auto Attendant with different Menus for Open and Closed Hours							
 General							
Auto Attendant Extension: 5000							
Busines	S Hours Open Hour	s Closed Hours					
Greeti	ng Options						
Au	dio Greeting:	Play					
		New File:	ISS-Open.wav	Browse			
Dia	al by Extension:	Enable callers to	dial lines directly				
Кеу	Transfer to Line						
1	✓ 5100(LuP)	_					
2	✓ 5200(AnT)	-					
3	✓ 5300(SuR)	-					
4	✓ 5400(TaL)	-					
5	5041(ISS-Broadca	istGroup) 🕞					
6	5042(ISS-TopDow	n) 💌					

- **Step 12** Note that * will always be used to access voicemail and # will always hang up the call.
- Step 13 Click on the Closed Hours tab and apply the following settings: Enable callers to dial lines directly: Enabled
 - Key 1 Enabled, 5041
 - Key 2 Enabled, 5042

- **Step 14** The Closed Auto Attendant audio greeting should match the features that have been enabled. We have provided a sample file that you can use or you can create and upload your own file.
- Step 15 Click the Browse button and access the .wav file of your choice. Our sample file is named ISS-Closed.wav
- **Step 16** Your settings should look similar to the following:

_						
Mod	le: Auto	Attendant with different	Menus for Open and C	losed Hours		
G	eneral					
Auto Attendant Extension: 5000						
	Busine	ess Hours Open Hou	rs Closed Hours			
	Greet	ing Options				
	A	udio Greeting:	Play			
			New File:	ISS-Closed.wav	Browse	
					,	
	D	ial by Extension:	Enable callers	to dial lines directly		
	Kau	Transfer to Line				
	Key	Transfer to Line				
	1	5041(ISS-Broadd	astGroup) 🕞			
	2	5042(ISS-TopDov	wn) 📼			

- Step 17 Click Save.
- Step 18 Play the sample Audio Greetings for Open and Closed Hours to confirm that the audio message matches the auto attendant key settings. Click on the play button next to the Audio Greeting on each tab.

Task 4: Configure Custom Music on Hold

Step 1 Access the System Settings -> Music on Hold menu.



- **Step 2** We have provided a sample file that you can use or you can create and upload your own file.
- Step 3 Click the Browse button and access the .wav file of your choice. Our sample file is named ISS-MoH.wav
- **Step 4** Your settings should look similar to the following:

System Settings > Music on Hold Music on Hold					
Uploading a new file replaces the existing file on the system. Uploaded Audio Source:SampleAudioSource					
 Upload from Desktop 					
File Path:	ISS-MoH.wav	Browse			
O Copy from System USE File Path:	3 Port	Browse			
Upload Cancel					

Step 5 Click Upload. An upload status message will appear, wait for it to complete.

Step 6 Notice that the default MoH file has now changed to your uploaded version.

System Settings > Music on Hold Music on Hold				
Update was success	sful.			
Uploading a new file repla Uploaded Audio Source:IS	ices the existing file on the system	m.		
 Upload from Desktop 				
File Path:	C:\fakepath\ISS-MoH.wav	Browse		
O Copy from System USI File Path:	B Port	Browse		
Upload Cancel				

Step 7 All usage profiles that previously depended on the default audio file are automatically updated to use the new file that has just been uploaded. In our case, usage profiles ISS-4-MD, ISS-4-SD and ISS-1 will be updated and as a result, users LuP, SuR, and AnT will now have updated MoH settings.

Task 5: Assign IP Addresses and Network Parameters to IP Phones

- **NOTE** While production systems will likely have an available DHCP server to assign IP addresses to IP phones, we will not make that assumption for the demo. Therefore we will assign IP address and related parameters manually to the IP phones for the purposes of this demonstration. You will not need to re-do the IP address assignments again for your demo unit unless the phone's configuration is erased.
- **Step 1** Attach an Ethernet cable to the network port on the back of each phone and plug it into an available port on the Cisco 300 series PoE-capable switch. Ensure that the switch is also powered up.
- **Step 2** Each phone will begin its boot process and will eventually display a message, such as "Phone not registered".
- Step 3 Press the Setup button; it looks like a gear wheel. A menu will appear on the phone display.



Use the down arrow to navigate down to Administrator Settings,



and then press the select button



- **Step 4** From the Administrator Setting menu, choose Network Setup and press the select button.
- **Step 5** From the Network Setup menu, choose IPV4 Setup and press the select button.

Step 6 On the IPV4 Setup menu configure the following settings:

NOTE The screens and navigation may vary by phone model. Generally you will use the up/down keys to navigate to an entry, the select key to begin editing that entry and the select key a second time to complete an entry. When editing IP addresses the "*" button is used to place a dot "." There will typically be a soft button configured as a backspace or erase key if you need to delete digits or characters.

DHCP Enabled: No

IP Address: <As per table below>

Subnet Mask: 255.255.255.0

Default Router: 192.168.1.1

DNS Server: 192.168.1.1

TFTP Server 1: 192.168.1.250

TFTP Server 2: 192.168.1.250

User	Model	Extension	IP Address	
Luciana P	8941	5100	192.168.1.11	
Anna T	3905	5200	192.168.1.12	
Suresh R	6941	5300	192.168.1.13	
Tao L	8941	5400	192.168.1.14	
If you add phones continue with this addressing scheme				

Step 7 When finished editing these settings, press the Apply soft button and then continue to exit the editing process until you have exited the entire menu system.

Step 8 It may expedite the phone booting process if you unplug the Ethernet cable from the phone, wait a few seconds, and then plug the cable back in.

Step 9 Each phone will come up with its configured extensions and will be ready for further configuration and testing.

Step 10 This completes the lab.