AudioCodes MediaPack Series

Setting Up AudioCodes' MP-1xx ATA Survivability in a Zoom Phone Environment



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1 Introduction

This document provides step-by-step instructions for configuring analog extension survivability on the <u>AudioCodes MediaPack analog telephone adapter (ATA)</u>, when the MediaPack loses the connection to Zoom. This will allow extension-to-extension dialing between ports <u>on the same MP-1xx</u>. Dialing extensions outside the MP-1xx is not supported in this configuration. Dialing or receiving PSTN calls while the MP-1xx is in local mode (connection to Zoom is down) is <u>not</u> supported.

AudioCodes MediaPack series are analog VoIP SIP media gateways (Analog Telephone Adapters) that provide FXS analog (loop start) ports for direct connection to phones, fax machines, and modems.

This document applies to the following MediaPack series ATA models:

MediaPack Model	Ordering Part Number	Photo of Model	Opus Codec	Number of FXS Ports
MP-112	MP112/2S/SIP/CER		Not available	2
MP-114	MP114/4S/SIP/CER		Not available	4
MP-118	MP118/8S/SIP/CER		Not available	8
MP-124	 MP124/24S/AC/SIP MP124/24S/DC/SIP 	Sector Sector	Not available	24

MediaPack Models Telephony Support

For additional specifications, refer to the <u>MP-1xx</u> datasheet.



2 **Prerequisites**

AudioCodes' MediaPack MP-1xx ATA device must be configured in the Zoom web portal. Proceed according to following setup guide: <u>https://assets.zoom.us/docs/zoom-phone/Setting-an-AudioCodes-MediaPack-Series-ATAs.pdf</u>

For more information on MP-1xx Assisted Provisioning, see:

https://support.zoom.us/hc/en-us/articles/360055113731-Setting-up-an-AudioCodes-MediaPack-MP-11x-124-1288-series-ATA

Configuration can be done in two ways – using a custom provision template on the Zoom web portal or via the MP-1xx embedded Web interface.



Note: Information about unique Zoom IDs and real DIDs (or extensions) of the users must be obtained from Zoom for correct implementation.



3 Configuration using Zoom Custom Provision Template

A new provision template must be created and assigned to the MP-1xx ATA device. The configuration below uses as an example extension **818** with Zoom ID **90528510418445755686** and extension **813** with Zoom ID **25811835858510117907**.

3.1 Create a Custom Provision Template

Follow these steps to create a custom provision template:

- 1. Sign-in to the Zoom web portal.
- 2. In the navigation menu, click Phone System Management and then Company Info.
- 3. Click Account Settings.
- 4. In the Desk Phone section, click Manage under Provision Template.
- 5. Click Add.
- 6. Enter the following:
 - Name: Enter a display name to identify the template.
 - **Description (optional)**: Enter a description to help you identify the template.
 - **Template**: Enter the primary and/or secondary DNS IP address using the parameters below. These entries are required for successful SIP registration.

```
[SIP Params]
ROUTEMODEIP2TEL = 1
ROUTEMODETEL2IP = 1
ISFALLBACKUSED = 1
```

```
[ PREFIX ]
```

```
FORMAT PREFIX_Index = PREFIX_DestinationPrefix,
PREFIX_DestAddress, PREFIX_SourcePrefix, PREFIX_ProfileId,
PREFIX_MeteringCode, PREFIX_DestPort, PREFIX_SrcIPGroupID,
PREFIX_DestHostPrefix, PREFIX_DestIPGroupID,
PREFIX_SrcHostPrefix, PREFIX_TransportType,
PREFIX_SrcTrunkGroupID, PREFIX_DestSRD, PREFIX_CostGroup,
PREFIX_ForkingGroup, PREFIX_CallSetupRulesSetId;
PREFIX 0 = "*", "127.0.0.1", "*", 0, 255, 0, -1, "", -1,
"", -1, -1, "", -1, -1;
```

```
[ \PREFIX ]
```

```
[ PstnPrefix ]
```

```
FORMAT PstnPrefix_Index = PstnPrefix_DestPrefix,
PstnPrefix_TrunkGroupId, PstnPrefix_SourcePrefix,
PstnPrefix_SourceAddress, PstnPrefix_ProfileId,
PstnPrefix_SrcIPGroupID, PstnPrefix_DestHostPrefix,
PstnPrefix_SrcHostPrefix, PstnPrefix_SrcSRDID,
PstnPrefix_TrunkId, PstnPrefix_CallSetupRulesSetId;
PstnPrefix 0 = "*", 0, "*", "127.0.0.1", 0, -1, "*", "*",
"", -1, -1;
```

```
[ \PstnPrefix ]
[ NumberMapIp2Tel ]
FORMAT NumberMapIp2Tel Index =
NumberMapIp2Tel_DestinationPrefix,
NumberMapIp2Tel_SourcePrefix,
NumberMapIp2Tel_SourceAddress, NumberMapIp2Tel_SrcHost,
NumberMapIp2Tel_DestHost, NumberMapIp2Tel_NumberType,
NumberMapIp2Tel NumberPlan, NumberMapIp2Tel RemoveFromLeft,
NumberMapIp2Tel RemoveFromRight,
NumberMapIp2Tel LeaveFromRight, NumberMapIp2Tel Prefix2Add,
NumberMapIp2Tel Suffix2Add,
NumberMapIp2Tel IsPresentationRestricted;
NumberMapIp2Tel 0 = "818", "*", "127.0.0.1", "*", "*", 255,
255, 20, 0, 255, "90528510418445755686", "", 255;
NumberMapIp2Tel 1 = "813", "*", "127.0.0.1", "*", "*", 255,
255, 20, 0, 255, "25811835858510117907", "", 255;
```

```
[ \NumberMapIp2Tel ]
```

7. Click Save.

3.2 Finish Provisioning with Applied Custom Provision Template

Once you have created the custom provision template, you can complete assisted provisioning as follows:

- 1. Follow the instructions <u>here</u> to add the device to the Zoom web portal.
- 2. While adding the device, in the **Provision Template** section, select the template that you created (see above).
- 3. Click Save.
- 4. Follow the on-screen instructions to complete assisted provisioning:

ZOOM SOLUTIONS - PLANS	& PRICING CONTACT SALES	
PERSONAL	Phones & Devices > Assigned	I > Site A MP-114
Profile	Site A MP-114 🔉	name
Meetings	No description	
Phone	Profile Assigned Ext	ension Ports & Positions
Recordings	Site	Main Site (Main Site)
Settings	Country	United States (+1) v
Analytics		
ADMIN	IP Address	
Dashboard	Time Zone	(GMT+3:00) Jerusalem v
> User Management	Device Type	AudioCodes mp114
Koom Management	MAC Address	00-90-8f-15-c2-8a Edit
 Phone System Management 	Provision Template	Site A MP-114 Edit Unbind
Users & Rooms	Status	Offline
Auto Receptionists	Provision Remove	
Shared Lines		
Phone Numbers		
Phones & Devices	\	

Adding a new ATA device through the Zoom Portal

Provisioning ATA device through Zoom Portal

Provisioning	7
MAC Address	00-90-8f-15-c2-8a
Device Type	AudioCodes mp114
Provisioning URL	https://provacp.zoom.us/api/v2/pbx/provisioning/AudioCodes/mp114/ <mac clipboard="" copy="" to="">.ini</mac>
1 Step 1	
1. Go to Maintenance Wizard to install.	-> Software Update from the web interface, download the firmware, and follow Software Upgrade
2. Enter http://MP_IP	/AdminPage to your browser to access the admin page.
3. Go to ini Parameter	rs on the left section to insert the assisted provision parameter (case sensitive) and provision URL:
Parameter Name: IniF	ileURL
Enter Value: (copy Pro	visioning URL from above of this dialogue)
4. Click Apply New Va message.	lue. Check the logging section below to make sure the MP has taken the provision URL with no error
5. Go back to the MP section and click Rese several minutes.	web interface. On the top, in the Device Actions , choose Reset . Click BURN in the Save Configuration t in the Reset Configuration section. MP will reboot to complete the configuration. The process may take
Next	Close



4 Configuration via MP-1xx Embedded Web Interface

Another way of configuration is via the MP-1xx embedded Web interface. Follow the instructions <u>here</u> to add the device to the Zoom web portal. After that, access the MP-1xx Web interface and configure the following:

- 1. Open the Proxy & Registration page (Configuration tab > VoIP menu > SIP Definitions submenu > Proxy & Registration).
- 2. From the 'Enable Fallback to Routing Table' drop-down list, select **Enable**:



3. Open the Tel to IP Routing page (Configuration tab > VoIP menu > GW and IP to IP submenu > Routing > Tel to IP Routing) and add the following rule:

Caudiocodes MP-118	FXS_FXO			Sulomit 🙆 Burn	Device Actions	(Home	() Help	bog off				Admin
Continuation Maintenance Status												
& Diagnostics	Tel to IP R	outing										
Scenarios Search											Basic Parame	ster List 🔺
				-								
Basic ® Full				Routing Index		1.	10 🗸					
🕮 System				Tel To IP Routing Mode		R	oute calls after manip	alation 👻		2		
ElevoIP												
* Network	Src. F	dunt	Dect. Phone Prefix	Source Phone Prefix	- Dect IR Address	Port	Transport Type	Dest. IP Group	IP Profile	Status	Charge Code	Co
* Security	Groun	JD	Dest, Phone Frenx	Source Fridie Frenk	> Dest. in Address	POIL	transport type	ID	ID	Status	Charge Code	Grouj
* Media	1 *				127.0.0.1	5060	UDP 🗸	<u> -1</u> /				None
Services	2						Not Configured V	(-1				None
Applications Enabling	3				1	- <u>ï</u>	Not Configured	-1				None
Control Network						_						
Coderr and Profiler	4					_	Not Configured V					None
GW and IP to IP	5						Not Configured V	<u>_1</u>				None
±@Hunt Group	6						Not Configured V	-1				None
Manipulations	7				1	- <u>ï</u>	Not Configured	-1				None
Bargenering						_						
Routing General Params	8					_	Not Conngurea V					None
Tel to IP Routing	9						Not Configured 🗸	<u></u> /				None
IP to Hunt Group Routing	10						Not Configured V	(-1				None
Alternative Routing Reasons					-0-D		<i></i>	aa				

4. Open the IP to Hunt Group Routing Table page (Configuration tab > VoIP menu > GW and IP to IP > Routing > IP to Hunt Group Routing) and add the following rule:

uration Maintenance Status		at Cause Dauties Table								
arios Search	IP TO HU	int Group Routing Table								Basic Parame
			·		[1 0 1 1					
			Kouting Index		1-12 V	instation of				
System			IP To Tel Routing Mo	ide	Route calls after man	ipulation V				
Natural		Dest. Host Prefix	Source Host Prefix	Dest. Phone Prefix	Source Phone Prefix	Source IP Address	-> Hu	Int Group ID	IP Profile ID	Source IP Group II
Security	1 *		*	*		127.0.0.1		0		
Media	2		1			1				
Services						1	=++			
Applications Enabling							=			
Control Network	4									
SIP Definitions	5									
Coders and Profiles	6									
GW and IP to IP	7		1			1	711			
Hunt Group						1	=+++			
Routing	•						=			
Bouting General Params	9		<u></u>							
Tel to IP Routing	10									
-				10	10	11r				

Configuration Maintenance Status & Diagnostics	Des	tination Phone Nur	nber Manipulation Table for IP -> Tel C	Calls			
Scenarios Search							
Basic O Full							
€ System		Destination	Rule Action				Prefix to
			Index	0			90528510418
Security			Destination Prefix	818			25811835858
• Media			Source Prefix	*			
Services			Source IP Address	127.0.0.1			
			Source Host Prefix	*			
⊕ IP Definitions			Destination Host Prefix	*			
Coders and Profiles					Submit Y Cancal		
GW and IP to IP					Subline * cancer		
Hunt Group							
General Configuration							
Dest Number IP->Tel					Zoom E	tenis	son
Dest Number Tel->IP					Numero	- 15	
Calling Name IP->Tel					Bamuri	<u>(110</u>	
Calling Name Tel->IP					700m r	ortal	1
Source Number IP->Tel					200111	Julia)
Source Number Tel->IP							<u> </u>
Redirect Number Tel->IP							
# Couting							
■UDTMF and Supplementary							

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Configuration Maintenance Status & Diagnostics Scenarios Search	Destin Add +	nation Phone Number Mar	nipulation Table for IP -> Tel	Calls				
Basic Pull C Basic Pull C Basic Pull Basic Pull Ba	Index 0	Destination Prefix 813 818	Source Prefix	Source IP Address	Source Host Prefix	Destination Host Prefix *	Prefix to Add 90528510418445755686 25811835858510117907	Suffix to Add
Gervices	4			re << Page 1 of 1	> > Show 10 🗸 records p	per page		View 1 - 2 of 2
Goders and Profiles Goders Goders and Profiles Goders and Profiles Goders and Pro								
Dest Number IP->Tel Dest Number Tel->IP Calling Name IP->Tel								

6. Burn the configuration and reset the MP-1xx.

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