## How to Migrate IAP with existing config to Aruba Central

- 1. Back up your existing config and save it.
- 2. Makes sure you have the minimum firmware version of IAP supported by Aruba Central.
  - a. You can check this link for supported devices in Aruba Central <u>http://help.central.arubanetworks.com/2.4.7/documentation/online\_help/content/pub</u> <u>lic\_cloud/get\_started/supported\_iaps.htm</u>
  - b. If the IAP needs an upgrade to the minimum version supported by Aruba Central. Plan the upgrade during maintenance window because the IAP requires reboot to apply the new firmware.
- 3. Configure NTP, Timezone and DST to your IAP local management. See picture below.

		Up-CB:7	System			Help	
e Hesteri Raduer Entreprise company	ROLLER SetMe	ор-св.7	General Admin				
🖗 1 Network		+					
Name	Clients		Name:	SetMeUp-CB:77:3A			ESS
test New	1		System location:				test
			Virtual Controller IP:	0.0.0.0			
			Allow IPv6 Management:	0			
			Virtual Controller IPv6:				
				1			
				RADIUS			
			MAS integration:	Disabled	*		
			NTP server:	0.nz.pool.ntp.org			
			Timezone:	Auckland UTC+12	*		
SetMeUp-CB:77	:3A		Daylight Saving Time:	×			Monitoring
Info		RF Dashboa	Preferred band:	All			Usage Tr
Name:	SetMeUp-CB:77:3A		AppRF visibility:	None	•		d
Country code: Virtual Controller IP:	NZ 0.0.0.0	All clients	URL visibility:	Disabled	•		10
VC IPv6 Address: VC DN5:	:: 0.0.0.0		Cluster security:	Disabled	•		
IP Mode:	v4-only						0
Management: Master:	Local 192.168.1.195		Show advanced options			OK Cancel	
IPv6 Address: NTP Server Via DHCP:							1
Uplink type:	Ethernet						T
Uplink status: Radius RFC3576 Listen Port:	Up 3799						1M 10K
manager of obby o bacch Port.	2122						
							100

Verify it via CLI by typing show clock



4. For Central MSP mode, If you want to put APs to specific customer you need add customer.

CUSTOMER NAME * Test				
DESCRIPTION				
ADD TO GROUP				
		_	CANCEL	

5. Assign the Devices to Customer.

DEVICE INV	/ENTORY			
ADD DEVICES	ASSIGN 1 DEVICE(S)	TO CUSTON	<b>MER</b>	×
VIEW DEVICES	SELECT A CUSTOMER	ΫG	(OPTIONAL) SELECT TEST GROUP ROUP NAME	Î
CM0187632	Test Ele_Home_Lab NZAWIFI	def	ault	
ASSIGN TO CUSTOME				
	Cancel		ASSIGN DEVICE(S)	

## 6. Assign the licenses

SUBSCRIPTION ASSIG		s to devices.			
DEVICE SUBSCRIPTIONS  A device management subscription entitles th	ne subscribed device to be manag	ed in Aruba Central	and enables most functionality.		
Auto Subscribe OFF You must select devices below to assign subscript DEVICES (0 TO BE SUBSCRIBED 0 T					
	SERIAL NUMBER	×		ΥMODEL	<b>∀</b> CUSTOMER
YES	CM0187632		94:B4:0F:CB:77:3A	IAP-205-RW	Test

AP will try to communicate aruba central. You can verify in CLI by typing **show log provision** 

Sat Feb 23 08:30:25 2019	Activate	In progress	Attempting provisioning via Activate server: device.arubanetworks.com
Sat Feb 23 08:30:25 2019	UAP ADP	Warning	ADP info: Send one interval provision request.
Sat Feb 23 08:30:26 2019	Activate	Debug	Sent challenge response to Activate Server: device.arubanetworks.com
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Explicit type of rule is configured for the AP.
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Original source is unknow and new is cloud
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Provision rule from activate is changed.
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Retrieve the valid provision rule.
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Save the Central rule from cloud into flash.
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: internal.central.arubanetworks.com
Sat Feb 23 08:30:27 2019	Activate	Completed	Received instruction from Activate Server to connect to Aruba Central server at internal.central.arubanetworks.com
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Save new provision rule into a file.
Sat Feb 23 08:30:27 2019	UAP ADP	Warning	ADP info: Save provision rule to flash.
Sat Feb 23 08:31:26 2019	Central	In progress	Connecting to Aruba Central server at internal.central.arubanetworks.com
Sat Feb 23 08:31:29 2019	Central	In progress	Connecting to Aruba Central server 54.69.206.204, triggered by athena redirect
Sat Feb 23 08:31:29 2019	Central	In progress	Received new Aruba Central server address: 54.69.206.204
Sat Feb 23 08:31:30 2019	Central	In progress	Estabished connection with Aruba Central server 54.69.206.204, authenticating
Sat Feb 23 08:31:31 2019	Central	Completed	Login done to Aruba Central server 54.69.206.204 by websocket
Sat Feb 23 08:31:31 2019	Central		Received configuration audit command from Aruba Central
Sat Feb 23 08:31:31 2019	Central	In progress	Sent current config to Aruba Central for audit
Sat Feb 23 08:31:35 2019	Central		Applied new configuration settings from Aruba Central, provisioning completed
Sat Feb 23 08:31:36 2019	Central		Received configuration audit command from Aruba Central
Sat Feb 23 08:31:36 2019	Central	In progress	Sent current config to Aruba Central for audit
Sat Feb 23 08:32:33 2019	Central		Received configuration audit command from Aruba Central
Sat Feb 23 08:32:33 2019	Central		Sent current config to Aruba Central for audit
94:b4:0f:cb:77:3a# show 1	og provision		
		The second se	

Then AP will will be managed in Central. You can verify in CLI by typing **show ap debug cloud-server** 

94:b4:0f:cb:77:3a# show	ap debug cloud-server
TAP ment mode	tathens.mont
IAP mgmt mode cloud config recved	1. TOLE MARINE
autojoin mode	
state diff	- disbla
state diff Device Cert status	- Giverec
Aruba Central server	:54.69.206.204
Aruba Central provy ser	an None
Aruba Central redirect	/er :None from :internal.central.arubanetworks.com
Aruba Central Protocol	1055
Aruba Central uptimes Aruba Central status	ilogin dope
Cloud Debug Statistics	
Key	Value
Connect establish succe	
Login done times	1(1)
Connect retry times	1(1)
Cloud Last connect stat	15
Last connect ID	
Last connect time	2019-02-23 08:31:28
Last connect time Last connect trigger	athena redirect
Cloud Last login done s	atus .
Last connect done 94:b4:0f:cb:77:3a#	2019-02-23 08:31:30

7. Go to provisioned customer account and you will see the pop up to import existing config and Click Import.

Customer: Test < Return To MSP View	NETWORK OVERVIEW				APs 🔻			SWITCHES 🔻		
MONITORING & REPORTS	Usage Feb 23, 2019, 08:5	0:00						• In • Out 94 217 Kbps Kbps	Clients Cour Feb 23, 2019, 08	
Q Search Current App Find devices, clients and networks	1M 10k							$\smile$	4	
Network Overview View Aruba device performance and security	0								2	
Network Health View potential network issues	100									
Clients View clients list	10k									
Client Overview View detailed information on connected clients	1M 05:30	06:00	06:30	07:00	07:30	08:00	08:30	09:00	0 05:30	
Application Visibility View application and website usage	Top APs By U Feb 23, 2019, 08:5								Top Clients	By U
VisualRF RF Heatmaps	94:b4:0f:cb:	77:3a					36.29 MB			
Topology View network topology										
Alerts Set, edit and view alerts										
Reports Schedule and generate reports	Top IAP Clust Feb 23, 2019, 08:5								Top IAP Clus Feb 23, 2019, 08	
	SetMeUp-C	8:77:					36.29 MB		SetMeUp-	CB:77
; 8	WLANs									

## 8. After clicking Import you will be redirected to Groups.

	GROUPS							
Customen Test C. Return To MSP View		s like a primary configuration co	ntainer for d	levices. You can combine dev	ices with common configuration rec	urements into a single gr	eup and apply the same configuratio	n settings to all the devices in the
		AND SWITCHES BETWEEN GROUP S SHIFT-CLICK OR CTRL+CLICK	5					
Manage Groups Nexadiard an unigative prope		OFVICES		∀ HAVE	P LOCATION	Q 1112	V 52504.#	Y MAC ADDIL
Labels and Sites	ALL CONNECTED DEVICES	1		5403403-087754	Authland, New Zealand	14.0	CM018751Q	5825660525177.04
users & Roles	UNASSIGNED DEVICES							
Designation international in data former	datadt							
Certificates								
			+					
	Anno Croup	1 Groupid						
© ? A								
△ 1 Devices) with existing	configuration has checked in. In	npart						

9. Choose your VC unde Name and Click Import Configuration to New Group.

ustomer: test	GROUPS					
Return To MSP View		s like a primary configuration containe	r for devices, you can combine de	evices with common configuration re	quirements into a single gro	oup and apply the
-	MANAGE GROUPS					
GLOBAL SETTINGS		AND SWITCHES BETWEEN GROUPS IS SHIFT+CUCK OR CTRL+CUCK				
lanage Groups	♥ GROUP NAME	DEVICES	<i>▼</i> NAME	7 LOCATION	W TYPE	Υ.s
abels and Sites	ALL CONNECTED DEVICES	1	SetMeUp-CB:77:3A	Auckland, New Zealand	JAP	
nyayut	UNASSIGNED DEVICES	1				
sers & Roles Indel Isar attent commi to Arutia Central	default	0				
		•				

## 10. Create Group Name and password and click Import Configuration.

orubo Central	GROUPS					
Customer: test Customer: To MSP View	A group in Aruba Centra	l acts like a primary configuration container	for devices. You can combine device	s with co	mmon configuration re	equirements into a single g
GLOBAL SETTINGS	MANAGE GROUF DRAG AND DROP CLUS TO SELECT MULTIPLE I	IMPORT CONFIC	GURATION	×		
Manage Groups View, edit and add configuration groups	♥ GROUP NAME	GROUP NAME ExistingConfig			CATION	∀ түре
Labels and Sites Create and manage labels and sites for monitoring Users & Roles	ALL CONNECTED DEVI	CONFIRM PASSWORD			kland,New Zealand	IAP
Manage user access control to Aruba Central	default					
Vere, edit and add certificates	New Group	Cancel	Import Configuration	oup		
	Clone Selected Group					
© ? Å						
▲ 1 Device(s) with existing	configuration has checked	in. Import				

11. Choose the new group created and you will see the existing configuration imported to Aruba Central.

Central	ExistingConfig (1 Total Devices	0 Offline APs   0 Offline SWITCHES   0 Offline G	ateways) 🔻	
Customer: test < Return To MSP View	Networks			
GAMENT ANY WIRELESS MANAGEMENT	Networks			
Q Search Current App	NAME	TYPE	SECURITY	ACCESS TYPE
ind devices, clents and betworks	test	employee	wpa2-psk-aes	unrestricted
	wired-SetMeLip	guest		network-based
Vetworks of and add orderwise	default_wired_port_profile	employee		unrestricted.
Access Points				
(F et Arutia Adaptive Radio Menagement				
Wireless IDS/IPS lange intruston detection and prevention	+			
Security				

12. Select Monitoring & Reports and you will see all your APs are up and managed in Central.

Central	i chistingcomig		rs   o offine switches   o offine Ge	19999/010_0				
Customer: test		TWORK OVERVIEW	The second	nan e	SWITCHES Y	GATEWAYS ¥		SECURITY 🔻
MONITORING & REPORTS	V DEVICE NAME	CLIENTS	CHANNEL	RADIO 1 POWERLdBml	CHANNEL	RADIO 2 POWERidBml	V IP ADDRESS	V MODEL
Q. Search Current App the second deepend	1) 94:54:01:cb:77:2a (W)	1	52 (80 MHz)	22	1 (20 MHz)	21	192.168.1.195	AP-205
letwork Overview excita texts performance and secures								
letwork Health								
lients we change into								
Client Overview								