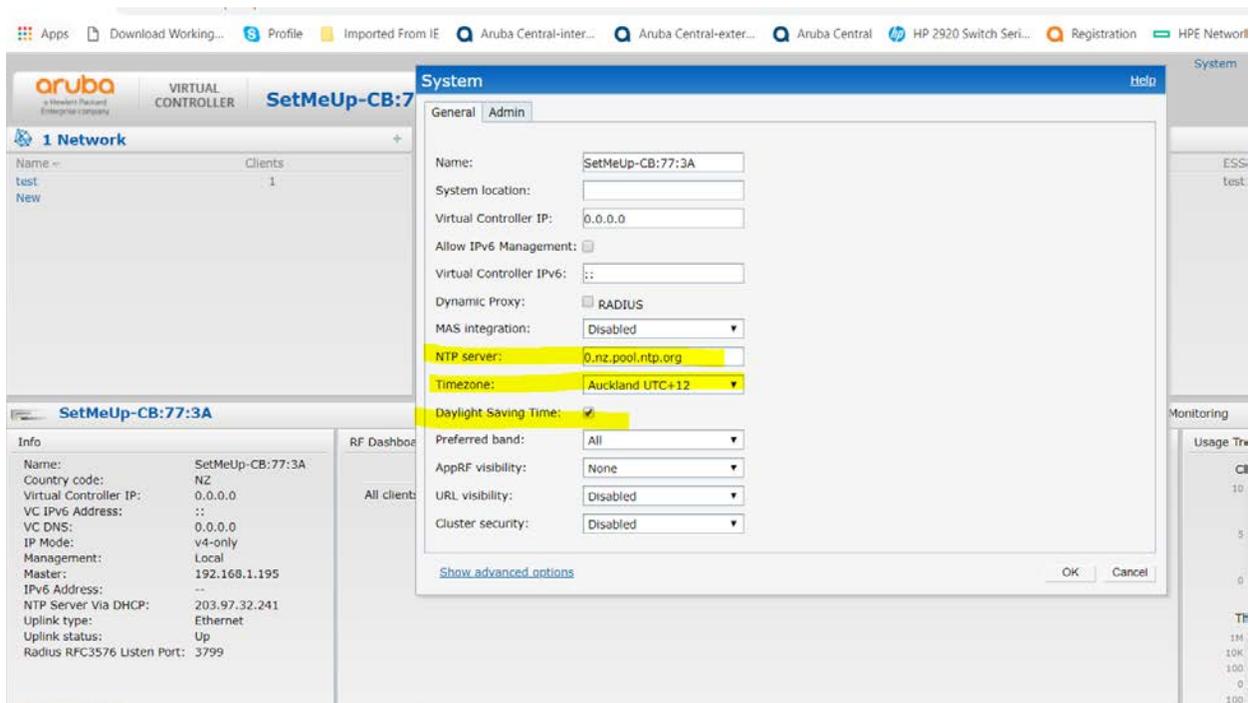


How to Migrate IAP with existing config to Aruba Central

1. Back up your existing config and save it.
2. Make 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
http://help.central.arubanetworks.com/2.4.7/documentation/online_help/content/public_cloud/get_started/supported_iaps.htm
 - 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.



Verify it via CLI by typing **show clock**

```
94:b4:0f:cb:77:3a# show clock
Current Time      :2019-02-23 08:51:57
94:b4:0f:cb:77:3a#
```

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

The screenshot shows a dialog box titled "ADD CUSTOMER" with a close button (X) in the top right corner. The form contains the following fields and controls:

- CUSTOMER NAME**: A text input field containing the text "Test".
- DESCRIPTION**: A text input field that is currently empty.
- ADD TO GROUP**: A toggle switch that is currently turned off.
- SAVE**: A green button at the bottom left.
- CANCEL**: A white button with a green border at the bottom right.

5. Assign the Devices to Customer.

The screenshot shows a dialog box titled "ASSIGN 1 DEVICE(S) TO CUSTOMER" with a close button (X) in the top right corner. The dialog is split into two main sections:

- SELECT A CUSTOMER**: A dropdown menu labeled "CUSTOMER NAME" with a search icon. The list of customers includes "Test" (highlighted in green), "Ele_Home_Lab", and "NZAWIFI".
- (OPTIONAL) SELECT TEST GROUP**: A dropdown menu labeled "GROUP NAME" with a search icon. The list of groups includes "default".

At the bottom of the dialog, there are two buttons: "CANCEL" on the left and "ASSIGN DEVICE(S)" on the right, which is highlighted in green. A grey arrow points from the "SELECT A CUSTOMER" section to the "SELECT TEST GROUP" section.

6. Assign the licenses

SUBSCRIPTION ASSIGNMENT

Use the options below to assign Foundation and Network Service subscriptions to devices.

DEVICE SUBSCRIPTIONS i

A device management subscription entitles the subscribed device to be managed in Aruba Central and enables most functionality.

Auto Subscribe OFF
You must select devices below to assign subscriptions to them

DEVICES (0 TO BE SUBSCRIBED 0 TO BE UNSUBSCRIBED)

| <input type="checkbox"/> SUBSCRIBED | SERIAL NUMBER 7632 | MAC ADDRESS | MODEL | CUSTOMER |
|---|-----------------------|-------------------|------------|----------|
| <input checked="" type="checkbox"/> 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 unknown 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 Established 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 In progress 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 Completed Applied new configuration settings from Aruba Central, provisioning completed
Sat Feb 23 08:31:36 2019 Central In progress 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 In progress Received configuration audit command from Aruba Central
Sat Feb 23 08:32:33 2019 Central In progress Sent current config to Aruba Central for audit
94:b4:0f:cb:77:3a# show log provision
```

Then AP 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

IAP mgmt mode :athena-mgmt
cloud config recved :TRUE
autojoin mode :disable
state diff :disable
Device Cert status :SUCCESS
Aruba Central server :54.69.206.204
Aruba Central proxy server :None
Aruba Central redirect from :internal.central.arubanetworks.com
Aruba Central Protocol :WSS
Aruba Central uptimes :20m:8s
Aruba Central status :Login_done

Cloud Debug Statistics
-----
Key Value
---
Connect establish success 1(1)
Login done times 1(1)
Connect retry times 1(1)

Cloud Last connect status
-----
Last connect ID :1
Last connect time :2019-02-23 08:31:28
Last connect trigger :athena redirect

Cloud Last login done status
-----
Last connect done :2019-02-23 08:31:30
94:b4:0f:cb:77:3a#
```

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

The screenshot shows the Aruba Central 'All Devices' monitoring page. The left sidebar contains navigation options like 'Network Overview', 'Network Health', 'Clients', and 'Reports'. The main area displays 'Usage' graphs for Feb 23, 2019, with 94 In and 217 Out Kbps. Below are 'Top APs By Usage' and 'Top IAP Clusters By Usage' bar charts. A yellow banner at the bottom states: '1 Device(s) with existing configuration has checked in. Import'.

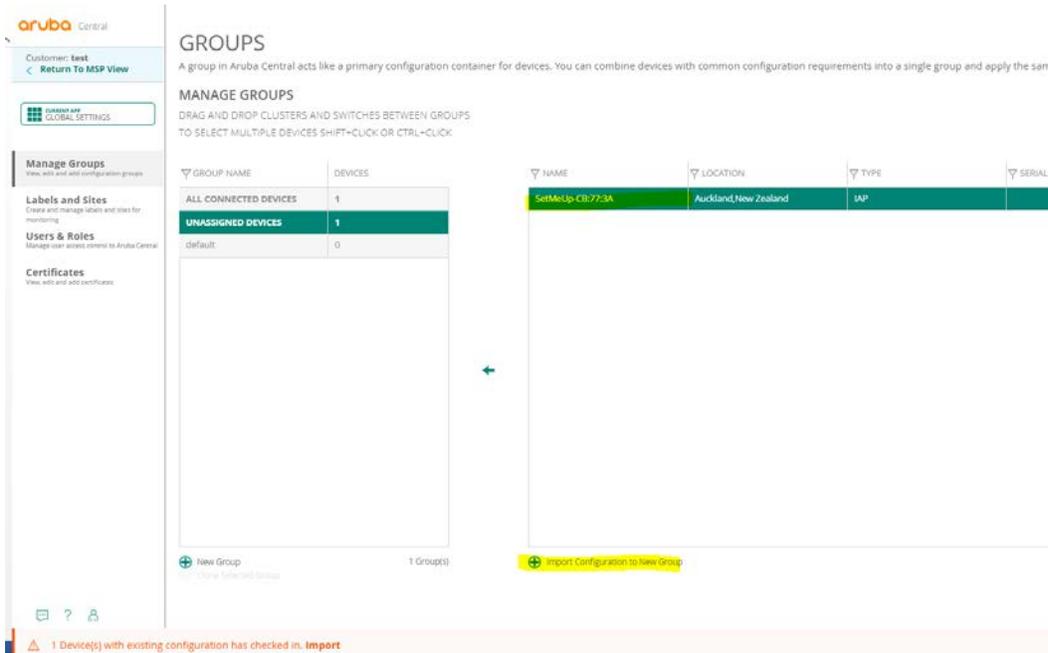
8. After clicking Import you will be redirected to Groups.

The screenshot shows the 'GROUPS' management page in Aruba Central. It includes a 'MANAGE GROUPS' section with instructions to drag and drop clusters and switches. A table lists device groups:

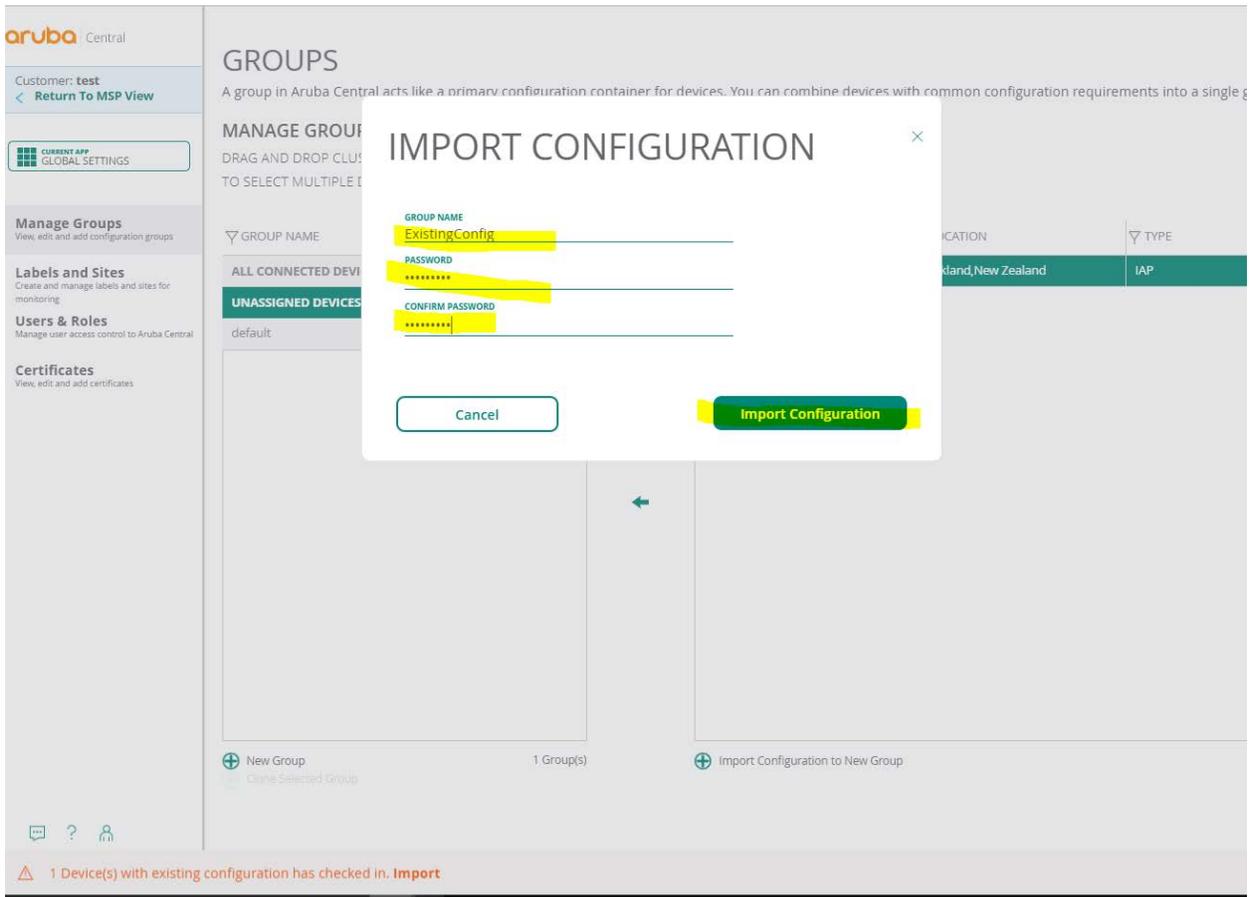
| GROUP NAME | DEVICES |
|-----------------------|---------|
| ALL CONNECTED DEVICES | 1 |
| UNASSIGNED DEVICES | 1 |
| Default | 0 |

Below the table is a 'New Group' button and a 'Groups' list. A yellow banner at the bottom states: '1 Device(s) with existing configuration has checked in. Import'.

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



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



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

The screenshot shows the Aruba Central interface for 'ExistingConfig'. The left sidebar contains navigation options: 'Customer: test', 'Return To MSP View', 'WIRELESS MANAGEMENT', 'Search Current App', 'Networks', 'Access Points', 'RF', 'Wireless IDS/IPS', and 'Security'. The main content area is titled 'ExistingConfig (1 Total Devices | 0 Offline APs | 0 Offline SWITCHES | 0 Offline GATEWAYS)'. Below the title, there is a 'Networks' section with a table listing imported configurations.

| NAME | TYPE | SECURITY | ACCESS TYPE |
|----------------------------|----------|--------------|---------------|
| test | employee | wpa2-psk-aes | unrestricted |
| wired-SetMeUp | guest | | network-based |
| default_wired_port_profile | employee | | unrestricted |

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

The screenshot shows the Aruba Central interface for 'Monitoring & Reports'. The left sidebar contains navigation options: 'Customer: test', 'Return To MSP View', 'MONITORING & REPORTS', 'Search Current App', 'Network Overview', 'Network Health', 'Clients', and 'Client Overview'. The main content area is titled 'ExistingConfig (1 Total Devices | 0 Offline APs | 0 Offline SWITCHES | 0 Offline GATEWAYS)'. Below the title, there are tabs for 'NETWORK OVERVIEW', 'SWITCHES', 'GATEWAYS', and 'SECURITY'. The 'NETWORK OVERVIEW' tab is active, showing a table of APs.

| DEVICE NAME | CLIENTS | RADIO 1 | | RADIO 2 | | IP ADDRESS | MODEL |
|-------------------|---------|-------------|------------|------------|------------|---------------|--------|
| | | CHANNEL | POWER(dBm) | CHANNEL | POWER(dBm) | | |
| 94540fab773a (VC) | 1 | 52 (80 MHz) | 23 | 1 (20 MHz) | 23 | 192.168.1.195 | AP-205 |