ArubaOS Most Useful Commands v1.2

Wireless LAN Controller

General Commands

Display output without breaks: **no paging**
Display more system information: **show tech-support**
Display common system information: **show switchinfo**
Display master-local information: **show switches**
Display current running configuration: **show running-config**
Display all log messages: **show log all**
Display activity statistics on each port: **show port status**
Display OS versions used: **show image version**
Display the licenses installed: **show license**
Display informations about L3 interfaces: **show ip interface brief**
Save current configurations: **write memory**
Exit the current session: **logout**
Reboot the controller: **reload system**
Display details about a specific interface:
show interface gigabitethernet *<0/0>*
Upgrade ArubaOS from a USB drive:
copy usb: partition 1 *filename* **system : partition 0**

Radio Commands

Display the 5GHz radios config: **show rf dot11a-radio-profile**
Display the 2.4GHz radios config: **show rf dot11g-radio-profile**
Display active 5GHz radios: **show ap active dot11a**
Display active 2.4GHz radios: **show ap active dot11g**
Display details of a RF profile:
show rf arm-profile *<arm-profile_name>*
Display ARM information for a specific AP:
show ap arm rf-summary ap-name *<ap-name>*
Display specific AP radio statistics:
show ap arm state ap-name *<ap-name>*

Packet Capture

Enable a packet capture for a specific client:
packet-capture datapath *<mac-address>* **all**
Send the capture to a local file on the contoller:
packet-capture destination local-filesystem
Send the capture to a remote server (Wireshark for example):
packet-capture destination ip-address *<server-IP-address>*
Copy the capture to the local flash:
packet-capture copy-to-flash datapath-pcap

Access Points Commands

Display the list of active APs: **show ap active**
Display APs known by the controller: **show ap database long**
Display the list of inactive APs: **show ap database inactive**
Display APs' radio settings: **show ap bss-table**
Display settings of an AP group: **show ap-group** *<ap-group>*
Reboot an AP: **apboot ap-name** *<ap-name>*
Move an AP to another controller: **ap-move ap-name** *<ap-name>*
Display the list of clients connected to a specific AP:
show ap debug client-table ap-name *<ap-name>*
Clear old APs from the controller's database:
clear gab-db ap-name *<ap-name>*
Display Regulatory Domain channels available:
show ap regulatory-domain-profile *<profile>*
Assign an AP to another AP group:
ap-regroup ap-name *<ap-name> <new-ap-group>*

Clients Commands

Display associated clients: **show user**
Display a specific client details : **show user mac** *<client-mac>*
Display the authentication phase: **show auth-tracebuf mac** *<client-mac>*
Display a voice client status: **show ucc client-info sta** *<client-mac>*
Display clients per radio: **show user bssid** *<bssid-address>*
Display clients per SSID: **show user essid** *<ssid-name>*
Deauthenticate a client: **aaa user delete** *<client-mac>*
Display the list of associated client to an AP:
show ap association ap-name *<ap-name>*
Display information about a specific client:
show ap client status *<client-mac>*

Debug Commands

Display current debug config: **show debug**
Display DFS events: **show log all | include radar**
Display a voice call MOS: **show ucc call-info cdrs**
Debug anything system related to a specific AP:
show ap debug system-status ap-name *<ap-name>*
Enable debug for a specific client & display the client debugs:
logging level debugging user-debug *<client-mac>*
show log user-debug all
Display a client roaming history
show ap client trail-info *<client-mac>*

Access Point Operations

Default Settings

Default username: **aruba**
Default enable password: **aruba123**
Default password: **aruba123**
Gain full access to the CLI: **<ctrl>+<esc>+k**

Reset AP to Factory Defaults

1 - Connect a console cable to the AP
2 - Power up the AP
3 - Hit Enter when you see the autoboot countdown
4 - You should see the "apboot>" prompt
5 - Enter the following commands:
apboot> purge
apboot> save
apboot> boot
6 - AP will reboot with factory defaults
7 - Use the default credentials to login (aruba/aruba123)

Convert IAP to Campus AP

0 - AP and controller must have some regulatory domain configurations
1 - Connect a console cable to the AP
2 - Enter the following command to convert the IAP to a campus AP:
(iap)# convert-aos-ap CAP *<controller-IP-address>*

Configure Controller IP address

1 - Connect a console cable to the AP
2 - Enter the following commands to configure the WLC IP address:
(ap)# setenv maset *<master-controler-address>*

Sources: ArubaOS 6.5.2.x Command-Line Interface - https://goo.gl/UCyhyP