Wi-Fi AP Authentication Aruba Configuration

https://campus.barracuda.com/doc/73719689/

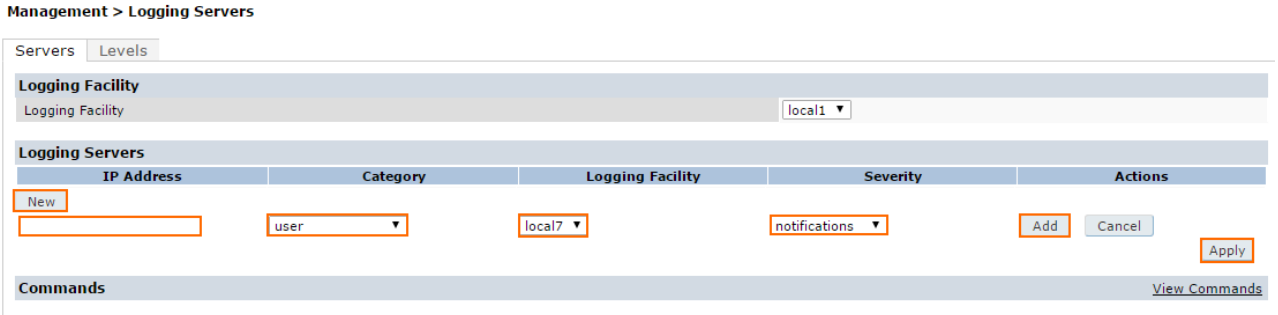
To authenticate users connected to Aruba access points, you must stream the syslog containing the authentication data to the Barracuda CloudGen Firewall F-Series.

Reference Devices/Versions:

- Aruba Controller 651 Version 6.4.1.0
- Aruba AP 105
- Aruba Instant

Enable Syslog Streaming on the Aruba AP

1. Log into the Aruba Mobility Controller.
2. Click the **Configuration** tab.
3. In the **MANAGEMENT** section of the left menu, click **Logging**.
4. In the **Logging Servers** section, click **New**:
   - **IP Address** – Enter the management IP address of the Barracuda CloudGen Firewall F-Series.
   - **Category** – Select **user**.
   - **Logging Facility** – Select the logging facility to be able to differentiate between multiple Aruba APs.
   - **Severity** – Select **notifications**.
5. Click **Add**.
6. Click **Apply**



7. Click the **Levels** tab.
8. Set the **Logging Levels** in the **User logs** section to **notifications**.

	User logs	notifications
	all	notifications
	captive-portal	notifications
	vpn	notifications
	dot1x	notifications
	radius	notifications
	voice	notifications
	client-match	notifications
	mapc	notifications
	pan	notifications

9. Click **Apply**.

Verify that the Firewall is Receiving the Syslog Data

On the Barracuda CloudGen Firewall F-Series, go to **LOGS** and open **Box > Control > AuthService_wifiap.log**. After successfully authenticating, you will see a `logged in user  with IP` line in the log. The Wi-Fi access point name is also listed.

Box\Control\AuthService_wifiap | <new Log>

Select Log File: Box\Control\AuthService_wifiap | Reload Log File Tree

Time	Type	TZ	Message
2015 09 23 11:00:02	Info	+02:00	[config] protocol: udp
2015 09 23 11:00:02	Info	+02:00	[config] model: aerohive
2015 09 23 11:00:02	Info	+02:00	[config] source-ip: 192.168.0.37
2015 09 23 11:00:02	Info	+02:00	[config] protocol: udp
2015 09 23 11:00:02	Info	+02:00	[config] model: aruba
2015 09 23 11:00:02	Info	+02:00	[config] source-ip: 10.17.133.103
2015 09 23 11:00:02	Info	+02:00	[config] protocol: udp
2015 09 23 11:00:03	Info	+02:00	[main] listening on udp 10.17.133.1:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on tcp 10.17.133.1:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on ssl 10.17.133.1:6514
2015 09 23 11:00:03	Info	+02:00	[main] listening on udp 10.17.76.133:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on tcp 10.17.76.133:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on ssl 10.17.76.133:6514
2015 09 23 11:00:03	Info	+02:00	[main] listening on udp 192.168.0.1:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on tcp 192.168.0.1:514
2015 09 23 11:00:03	Info	+02:00	[main] listening on ssl 192.168.0.1:6514
2015 09 23 11:00:33	Info	+02:00	[auth] udp:10.17.133.103 (type aruba): logged in user user2 with IP 172.17.70.32

Figures

1. aruba01.png
2. aruba_03.png
3. aruba_Logs.png

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