

Wi-Fi AP Authentication Ruckus Wireless Configuration

<https://campus.barracuda.com/doc/96026634/>

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

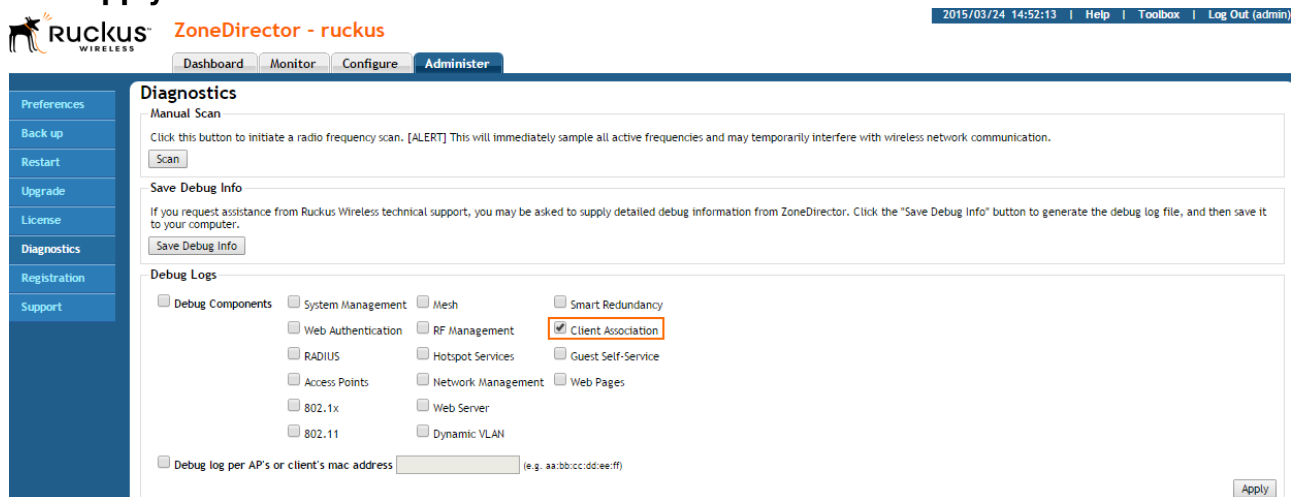
Reference Devices/Versions:

- ZoneDirector 1100 (ZD1106) Version 9.10.0.0 build 21
- ZoneFlex zf7321-u Access Point)

Step 1. Enable Client Association on the Ruckus Wireless AP

Enable client association in the debug log settings.

1. Go to **Administer > Diagnostics**.
2. In the **Debug Logs** section, enable **Client Association**.
3. Click **Apply**.



Step 2. Enable Syslog Streaming on the Ruckus Wireless AP

1. Go to **Configure > System Log Settings**.
2. Enable the **Remote Syslog**.
3. Enter the IP address of the Barracuda CloudGen Firewall F-Series.

Log Settings

Event Log Level ☒ Show More ☐ Warning and Critical Events ☐ Critical Events Only

Remote Syslog ☒ Enable reporting to remote syslog server at (IP Address)

[Remote Syslog Advanced Settings](#)

4. Click **Apply**.

Verify that the Firewall is Receiving the Syslog Data

On the Barracuda CloudGen Firewall F-Series, go to **LOGS** and open the **Box > Control > AuthService_Wi-Fiap.log**. After a successful authentication, you will see a logged in user <username> with IP <IP address> line in the log.

Box\Control\AuthService_wifiap

Select Log File

Time	Type	TZ	Message
2015 04 08 16:01:10	Info	+02:00	[config] setting maximum login time to 0 hours
2015 04 08 16:01:10	Info	+02:00	[config] setting UDP listen port to 514
2015 04 08 16:01:10	Info	+02:00	[config] setting TCP listen port to 514
2015 04 08 16:01:10	Info	+02:00	[config] setting SSL listen port to 6514
2015 04 08 16:01:10	Info	+02:00	[config] model: ruckus
2015 04 08 16:01:10	Info	+02:00	[config] source-ip: 10.17.76.10
2015 04 08 16:01:10	Info	+02:00	[config] protocol: udp
2015 04 08 16:01:10	Info	+02:00	[main] listening on udp 10.17.67.170:514
2015 04 08 16:01:10	Info	+02:00	[main] listening on tcp 10.17.67.170:514
2015 04 08 16:01:10	Info	+02:00	[main] listening on ssl 10.17.67.170:6514
2015 04 08 16:02:58	Info	+02:00	[auth] udp:10.17.76.10 (type ruckus): logged in user user with IP 192.168.0.33
2015 04 08 16:03:42	Info	+02:00	[auth] udp:10.17.76.10 (type ruckus): logged in user user with IP 192.168.0.33

Figures

1. ruckus01.png
2. ruckus02.png
3. wifi_log_message.png

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