

Wi-Fi AP Authentication Aerohive Configuration

<https://campus.barracuda.com/doc/72516258/>

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

Reference Devices/Versions:

- Aerohive AP230 802.11ac Wireless AP Version 6.4r1a
- Aerohive Networks HiveManager Online 6.4r1

Step 1. Enable Syslog Streaming on the Aerohive AP

1. Log into the Aerohive Networks HiveManager.
2. Go to **Configuration > Advanced Configuration > Management Services > Syslog Assignments**.



Home Dashboard Monitor Reports Maps **Configuration** Tools

Configuration << Syslog Assignments

Guided Configuration

New Clone Paintbrush Remove

<input type="checkbox"/>	Name	Facility	Host	Description

Devices

- Hives
- Network Policies
- SSIDs
- Port Types
- User Profiles
- Networks
- VPN Services
- Auto Provisioning
- Radio Profiles

Advanced Configuration

- Common Objects
- Security Policies
- QoS Policies

Management Services

- DNS Assignments
- IP Tracking
- Location Servers
- Management Options
- NTP Assignments
- SNMP Assignments
- Syslog Assignments**

Authentication

Keys and Certificates

3. Click **New** and configure syslog streaming:
 - o **Syslog Server** - Select the IP address of the firewall from the drop down.
 - o **Severity** - Select **Info** from the drop down.
4. Click **Apply**.
5. Click **Save**.

Syslog Assignments > New

Save Cancel

Name* NGFirewall-QA (1-32 characters)

Facility Local6

Description (0-64 characters)

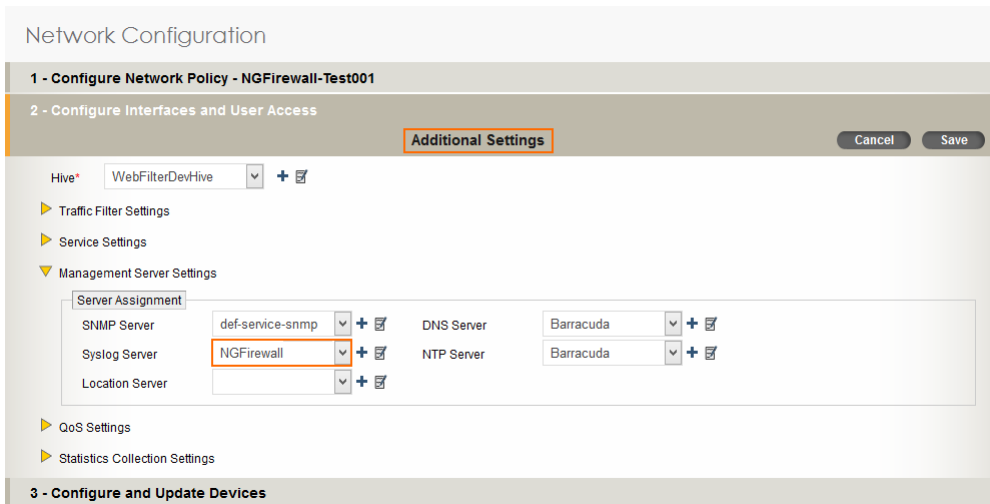
Syslog servers are on the same internal network as the reporting Aerohive devices (for PCI DSS compliance)

Apply Remove Cancel

<input type="checkbox"/>	Syslog Server	Severity	Description
<input type="checkbox"/>	192.168.0.1	Info	Barracuda NG Firewall (0-64 characters)

Step 2. Add Syslog Configuration to Network Policy on the Aerohive AP

Add the syslog configuration to the **Network Policy** you are using for your access points.



Network Configuration

1 - Configure Network Policy - NGFirewall-Test001

2 - Configure Interfaces and User Access

Additional Settings Cancel Save

Hive* WebFilterDevHive + [icon]

Traffic Filter Settings

Service Settings

Management Server Settings

Server Assignment

SNMP Server	def-service-snmp + [icon]	DNS Server	Barracuda + [icon]
Syslog Server	NGFirewall + [icon]	NTP Server	Barracuda + [icon]
Location Server	+ [icon]		

CoS Settings

Statistics Collection Settings

3 - Configure and Update Devices

Verify that the Firewall is Receiving the Syslog Data

On the Barracuda CloudGen Firewall, go to **LOGS** and verify that the firewall is receiving the syslog data. After a successful authentication, you will see a logged in user <username> with IP <IP address> line in the log. The Wi-Fi access point name is also listed.

Figures

1. aerohive01.png
2. aerohive02.png
3. aerohive03.png

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