

Wi-Fi AP Authentication Aerohive Configuration

<https://campus.barracuda.com/doc/46207423/>

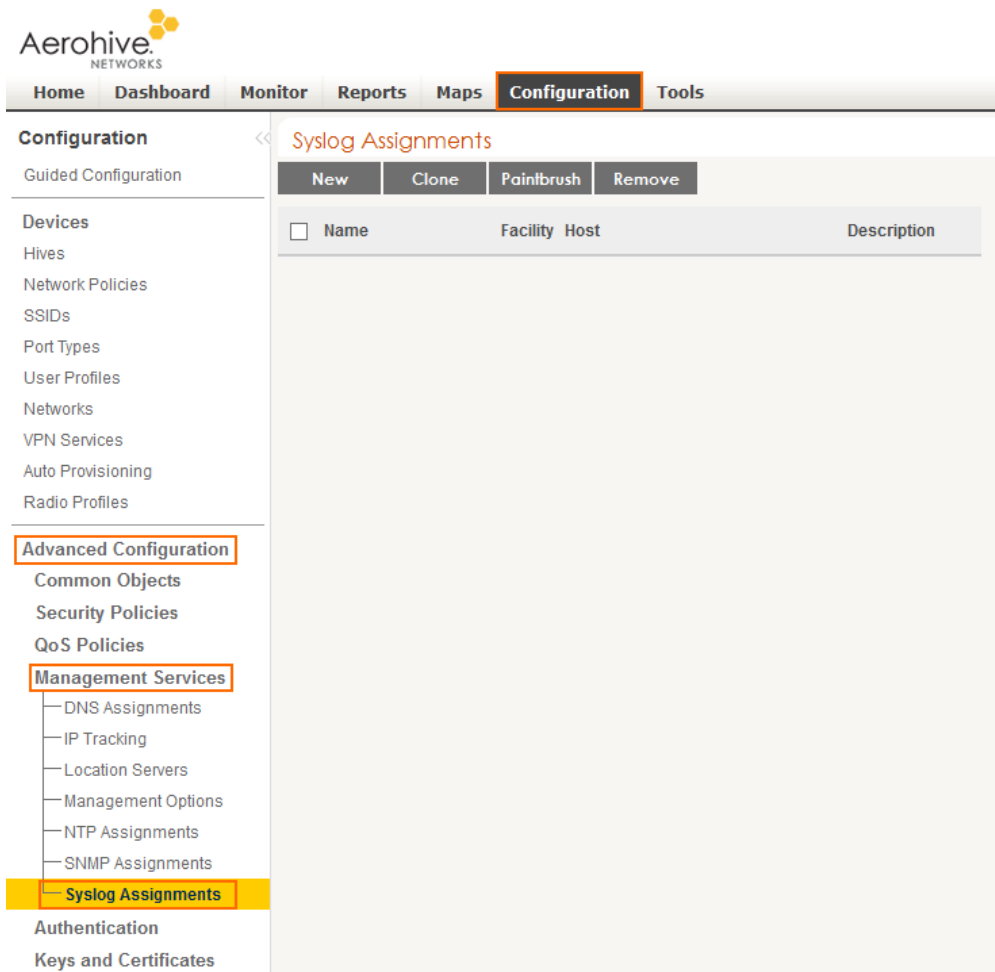
To authenticate users connected to Aerohive access points, you must stream the syslog containing the authentication data to the Barracuda NextGen Firewall X-Series.

Reference Devices/Versions:

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

Enable Syslog Streaming on the Aerohive AP

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



The screenshot shows the Aerohive Networks HiveManager web interface. The top navigation bar includes links for Home, Dashboard, Monitor, Reports, Maps, Configuration (highlighted), and Tools. The left sidebar menu shows the following structure:

- Configuration
 - Guided Configuration
 - Devices
 - Hives
 - Network Policies
 - SSIDs
 - Port Types
 - User Profiles
 - Networks
 - VPN Services
 - Auto Provisioning
 - Radio Profiles
 - Advanced Configuration (highlighted)
 - Common Objects
 - Security Policies
 - QoS Policies
 - Management Services (highlighted)
 - DNS Assignments
 - IP Tracking
 - Location Servers
 - Management Options
 - NTP Assignments
 - SNMP Assignments
 - Syslog Assignments (highlighted)
 - Authentication
 - Keys and Certificates

The main content area displays the 'Syslog Assignments' page. It features a header with 'New', 'Clone', 'Paintbrush', and 'Remove' buttons. Below this is a table with columns: Name, Facility, Host, and Description. The table is currently empty.

3. Click **New** and configure syslog streaming:
 - **Syslog Server** – Select the IP address of the X-Series Firewall from the dropdown.
 - **Severity** – Select **Info** from the dropdown.
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
192.168.0.1	Info	Barracuda NG Firewall (0-64 characters)

Add Syslog Configuration to Network Policy

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

▶ Traffic Filter Settings

▶ Service Settings

▼ Management Server Settings

Server Assignment	
SNMP Server	def-service-snmp
Syslog Server	NGFirewall
Location Server	

QoS Settings

Statistics Collection Settings

3 - Configure and Update Devices

You can now configure Wi-Fi Access Point authentication on the X-Series Firewall. For more information, see [How to Configure Wi-Fi Access Point Authentication](#).

Figures

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

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.