LOGZILLA DOCUMENTATION

Ubiquiti UniFi

Rules, dashboards, and triggers for Ubiquiti UniFi devices

LogZilla App Store · Generated June 12, 2026 · logzilla.ai/docs/logzilla-appstore/ubiquiti

Overview

Ubiquiti UniFi devices support two types of syslog output:

- **Activity Logging** - CEF-formatted logs for admin actions, client events, and system status (sent to port 5521)
- **Traffic Logging** - Firewall/iptables logs for network traffic and security events (sent to dedicated port 5521)

App Function

- Parse CEF-formatted logs from Ubiquiti UniFi devices
- Parse iptables-formatted traffic logs from CyberSecure
- Extract UniFi-specific metadata (category, client info, AP details)
- Map standard CEF fields (src, dst, proto) to LogZilla tags
- Map UniFi threat categories to MITRE ATT&CK techniques
- Categorize events by type (security, network, system, auth, config)
- Provide dashboards for monitoring UniFi infrastructure and threats

Vendor Documentation

- Ubiquiti UniFi (https://ui.com/consoles)

LogZilla Configuration

Traffic Logging requires a dedicated syslog port.

Navigate to **Settings > System > Application Ports**
Set **Ubiquiti UniFi syslog port** to a dedicated port (e.g., `5521`)
Click **Save**
The syslog and parser services will reload automatically. Both TCP and UDP listeners are enabled on the configured port.

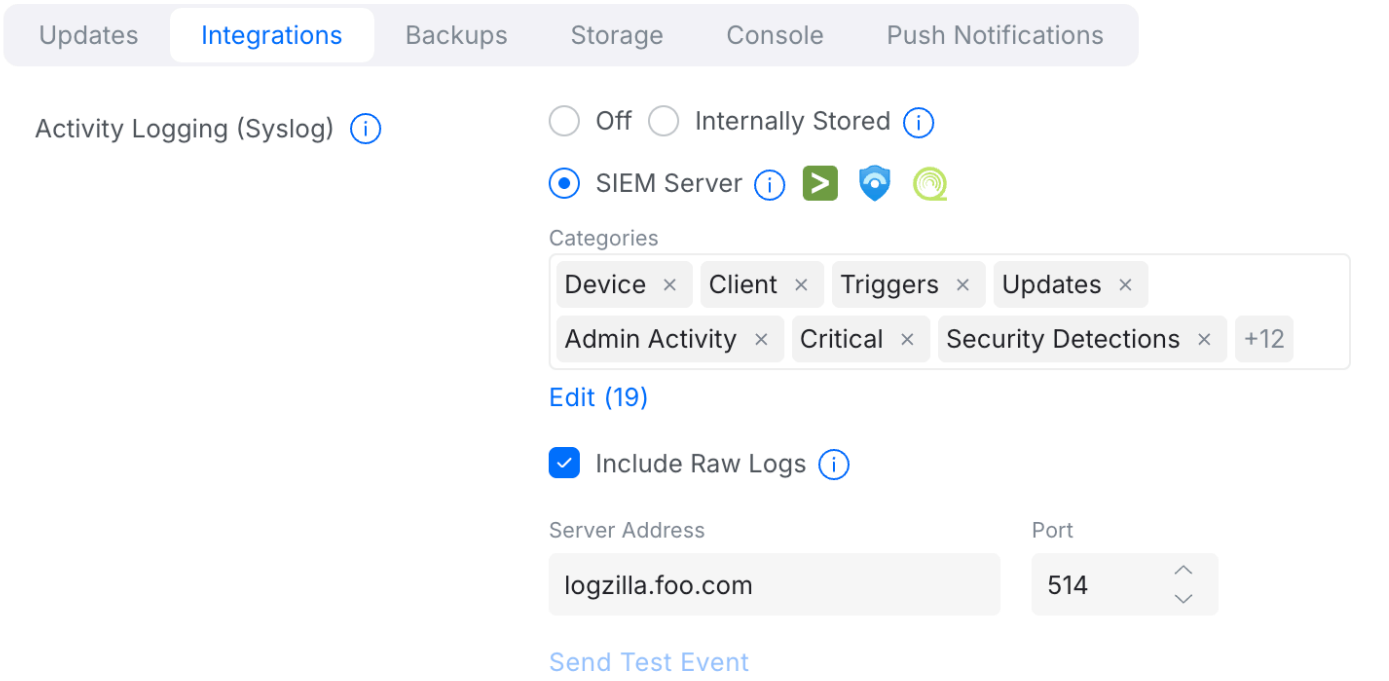
UniFi Configuration

UniFi has two separate logging configurations that must both be enabled.

Activity Logging (CEF Format)

Activity Logging sends CEF-formatted logs for admin actions, device events, and client activity.

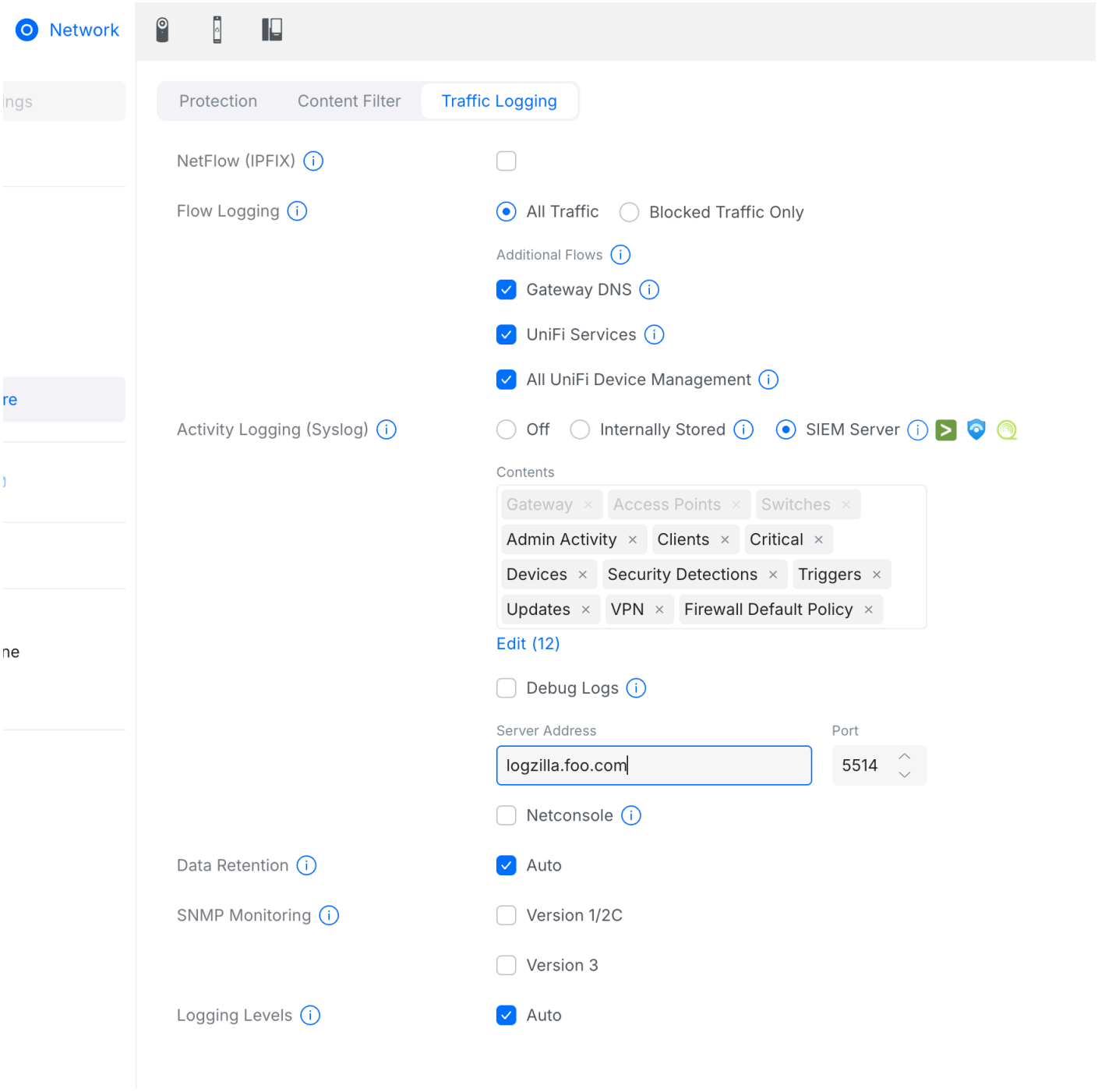
Navigate to **Settings > Control Plane > Integrations**
Under Activity Logging (Syslog), select **SIEM Server**
Click **Edit** and select all desired Categories
Enable **Include Raw Logs**
Enter the LogZilla server address in **Server Address**
Set the **Port** to **5521**
Click **Apply Changes**



Traffic Logging (CyberSecure)

Traffic Logging sends firewall and IPS logs in iptables format.

Navigate to **Settings > CyberSecure > Traffic Logging**
Under Flow Logging, select **All Traffic** or **Blocked Traffic Only**
Enable desired Additional Flows (Gateway DNS, UniFi Services, etc.)
Under Activity Logging (Syslog), select **SIEM Server**
Select desired Contents categories
Enter the LogZilla server address in **Server Address**
Set the **Port** to **5521**
Click **Apply Changes**



Verification

Generate test traffic or trigger a configuration change, then verify events appear in LogZilla with `CEF Vendor` tag set to `Ubiquiti` for Activity Logs, or `Source Type` tag set to `unifi-os` for Traffic Logs.

Incoming Log Format

UniFi devices send logs in Common Event Format (CEF):

```
CEF:0|Ubiquiti|UniFi Network|9.3.33|401|WiFi Client Disconnected|2|
UNIFIcategory=Monitoring UNIFIsubCategory=WiFi UNIFIhost=Office UDM Pro
UNIFIclientMac=aa:bb:cc:dd:ee:ff UNIFIssid=Corporate-WiFi
```

- **Version** - CEF version (always `0`)
- **Vendor** - Device vendor (`Ubiquiti`)
- **Product** - Product name (`UniFi Network`, `UniFi OS`)
- **Version** - Product version
- **Event ID** - Event type identifier
- **Name** - Event description
- **Severity** - Event severity (0-10)

Parsed Metadata Fields

Tag Name	Example	Description
`Vendor`	`Ubiquiti`	Vendor identifier
`Product`	`UniFi`	Product identifier
`Event Class`	`security`	Cross-vendor event classification
`Event Type`	`Settings Change`	Specific event type for triggering
`SrcIP`	`10.0.0.100`	Source IP address (client)
`DstIP`	`192.168.0.233`	Destination IP address (device/AP)
`SrcMAC`	`aa:bb:cc:dd:ee:ff`	Source MAC address (client)
`DstMAC`	`00:11:22:33:44:55`	Destination MAC address (AP/device)
`DstPort`	`https`	Destination port service name
`Protocol`	`TCP`	Network protocol

Tag Name	Example	Description
User	admin	Username
UniFi Category	Security	UniFi event category
UniFi SubCategory	Threat	UniFi event subcategory
UniFi Device Name	Lobby-AP	Connected device/AP name
UniFi Client Name	iPhone	Client hostname
UniFi SSID	Corporate-WiFi	WiFi network name
UniFi Threat Type	Malware	Threat classification
UniFi Threat Category	Command and Control	Threat category

Log Examples

WiFi Client Connected

```
CEF:0|Ubiquiti|UniFi Network|9.3.33|400|WiFi Client Connected|2|
UNIFIcategory=Monitoring UNIFIsubCategory=WiFi UNIFIhost=Office UDM Pro
UNIFIclientMac=aa:bb:cc:dd:ee:ff UNIFIclientName=iPhone
UNIFIssid=Corporate-WiFi UNIFIapName=Lobby-AP
```

Threat Detected

```
CEF:0|Ubiquiti|UniFi Network|9.4.19|201|Threat Detected and Blocked|7|
proto=TCP src=10.0.0.100 spt=52331 dst=192.168.0.233 dpt=443
UNIFIcategory=Security UNIFIsubCategory=Threat
UNIFIthreatType=Malware UNIFIthreatCategory=Command and Control
```

Admin Login

```
CEF:0|Ubiquiti|UniFi OS|4.3.6|admins|1|
msg=admin changed the Syslog Settings network
UNIFIcategory=System UNIFIsubCategory=Admin
```