



Control Programming LLC

Release Notes

Extension – Unifi – Protect Alarm Trigger - TCP
version 4.0

Extension

This release note is for the CPLL Unifi Protect Alarm Trigger Extension.

Notes and Recommendations

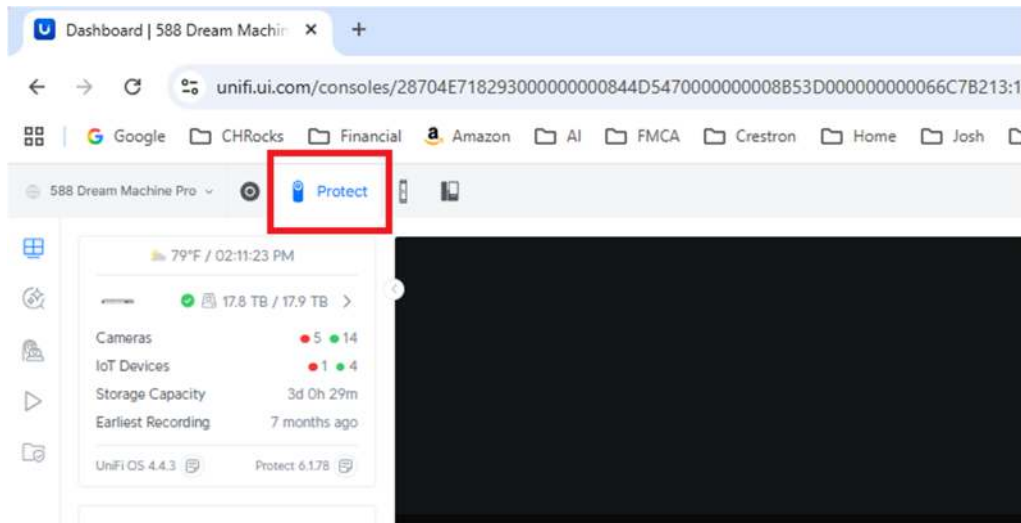
Drivers->Notification->Unifi->Protect Alarm Trigger

System Requirements and Dependencies

- Crestron Home v4.0
- This extension requires that the License Manager (<https://cpllc.net/product/license-manager/>) also be installed on the processor
- You will need to obtain/create the API key that gives access to the Protect API
- You will also need to create/obtain the alarm id that is to be triggered

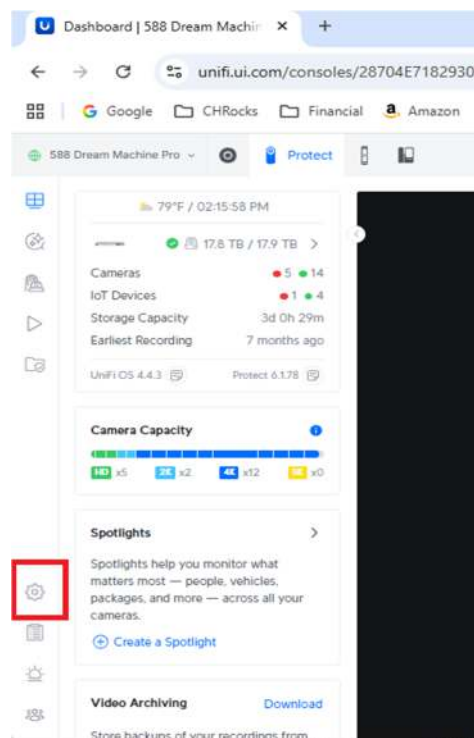
Installation/Upgrade Instructions

Steps required to create an API key



Step 1 requires going into the Protect section after logging into the Site. See the area outlined in red above.

Step 2 requires selecting the gear icon shown below.



Step 3 requires selecting the “Control Panel” on the left-hand side, then clicking the “Integrations” tab and finally entering a descriptor name and clicking the Create API Key link (see below).

The screenshot shows the UniFi Protect console interface. On the left sidebar, the "Control Plane" option is highlighted with a red box. The main content area has the "Integrations" tab selected, also highlighted with a red box. Below the tabs, there are sections for "Activity Logging (Syslog)", "Documentation", "Your API Keys", and "API Request Format". The "Your API Keys" section shows a table with two existing API keys: "CPLLC Testing" and "CPLLC Protect". Below the table, there is a section for "Example" showing a curl command. The "API Key Name" input field is highlighted with a red box, and the "Create API Key" link is visible.

Settings | 588 Dream Machine

unifi.ui.com/consoles/28704E71829300000000844D547000000008B53D000000000066C7B213:1396503316/protect/se

588 Dream Machine Pro

Storage General UDM Pro Max Control Plane Identity

Phone Number

Having an issue? Describe it here.

Share Site Details

Protect 6.1.78

Updates Integrations Backups Storage Console Push Notifications

Activity Logging (Syslog) Off Internally Stored SIEM Server

Documentation

Network API Protect API

Your API Keys

API Key Name Never Expires Create API Key

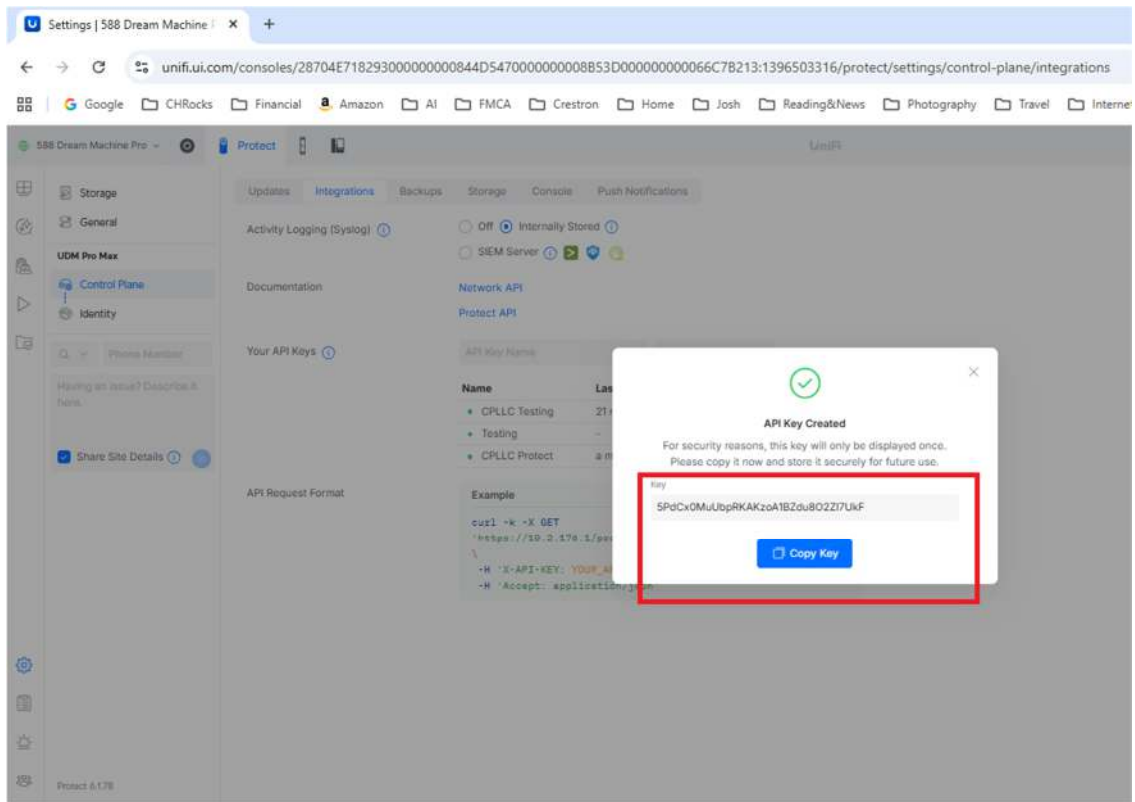
Name	Last Used	Expires
CPLLC Testing	20 minutes ago	Never
CPLLC Protect	a month ago	Never

API Request Format

Example

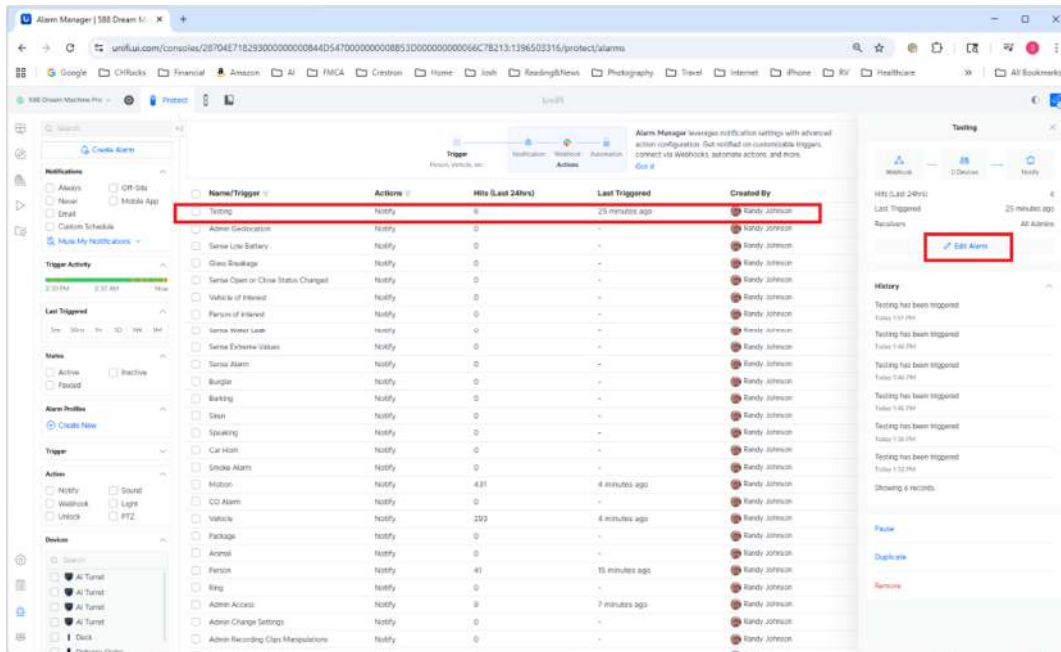
```
curl -k -X GET 'https://10.2.176.1/proxy/protect/integration/v1/meta/info' -H 'X-API-KEY: YOUR_API_KEY' -H 'Accept: application/json'
```

Step 4 requires making a copy of the created API key as it will not be shown again.

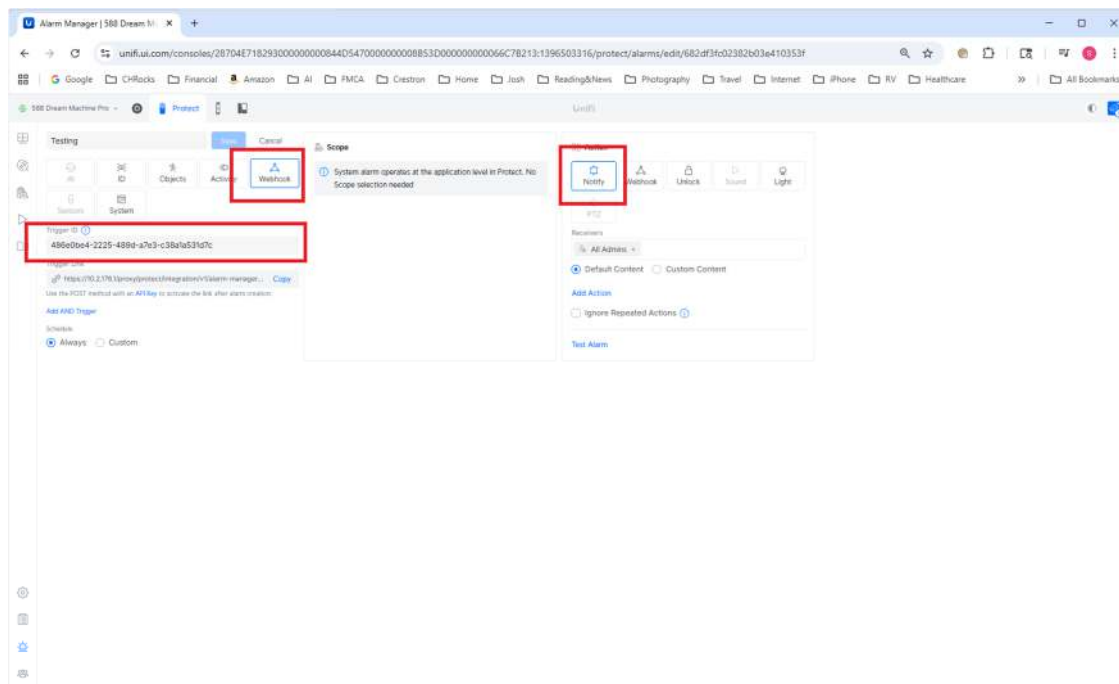


Step 1 select and/or create a new alarm

Step 1 select and/or create a new alarm



Step 2 you can find the alarm ID as shown on the left-hand side. Also, the alarm needs to be a “webhook” type and the action needs to be “notify” (see below)



Programmer Options

Control Options

The screenshot shows the 'Unifi Protect Alarm Trigger Settings' window with the 'Control' tab selected. It features a configuration table for TCP/IP settings and an 'Apply' button at the bottom.

TCP/IP settings	Value
IP Address	10.2.176.1
IP Port	80

Apply

IP Address – Local IP address of the Unifi Device containing the Protect Installation

Port – this will always be 80 regardless of what is entered

Installer Options

The screenshot shows the 'Unifi Protect Alarm Trigger Settings' window with the 'Installer' tab selected. It contains several configuration options with checkboxes and text input fields.

- Obtain License Key**
Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered L... [CPLLC.net](https://cpllc.net)
- Enter License Key**
A purchased license key must be obtained by clicking the above link and entered here. The extension will function 100% without a license key ...
- Show on Home Screen**
Checked to show on Home screen. If checked, the Tile Clickable and Only Tile Display settings will be ignored. Crestron Home does ... ☐
- Show in Room Screen**
Checked to show in Room screen ☒
- Unifi Protect API Key**
The API Key needed to access the Unifi Protect API
- Unifi Protect Alarm ID**
The ID associated with the Unifi Protect Alarm
- CPLLC License Manager**
This extension requires the CPLLC License Manager to also be installed....

Obtain License Key – clicking on the “CPLLC.net” link will take you to the website to purchase the necessary license. The obtained license key will need to be entered in the license manager on the appropriate SKU.

Show on Home Page – check if extension is to be visible on the home page.

Show in Room Page – checked if extension is visible in the room page.

Unifi Protect API Key – see above to create the key

Unifi Protect Alarm ID – see above how to create/find the ID

End-User Experience



The left image shows the tile which when clicked will send an HTTPS Post to the Unifi Device to trigger the associated alarm.

After 2 hours, without the proper license key having been installed, a license expired notice will be displayed as shown on the left image. The middle image indicates that there is an issue with the command string on one or more commands in the installer options. The right image indicates the extension has been correctly setup.

Limitations/Known Issues

No known issues

Supported Features

Not applicable

Test Environment

List the environments where this driver has been tested and any control system firmware versions used.

- Crestron Home v4.007
- CP4-R
- MC4-R

Supported Models

- CP4-R
- MC4-R

Contact Information

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- License: <https://cpllc.net/product/unifi-protect-alarm-trigger/>

Version History

2025-09-29 4.003

- Initial Release

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