

Infrastructure Integrations — AdGuard, Tailscale, MQTT, ESPHome, NUT

AdGuard Home

Integration: `adguard` | **Add-on:** AdGuard Home v6.2.0 (add-on), integration v6.1.3 | **Area:** Office

Network-wide DNS-based ad and tracker blocking. All DNS queries on the home network route through AdGuard.

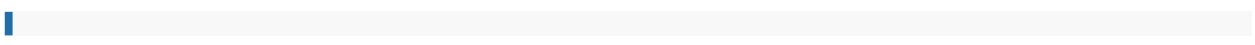
AdGuard version: v0.107.74

Entity	Notes
<code>switch.adguard_home_protection</code>	Master toggle
<code>switch.adguard_home_parental_control</code>	Parental controls
<code>switch.adguard_home_safe_search</code>	Safe search enforcement
<code>switch.adguard_home_safe_browsing</code>	Phishing/malware protection
<code>switch.adguard_home_filtering</code>	DNS filter list
<code>switch.adguard_home_query_log</code>	Query logging
<code>sensor.adguard_home_dns_queries_blocked_ratio</code>	% of queries blocked

Tailscale

Add-on: Tailscale v0.28.1 | **Integration:** via hassio

Zero-config WireGuard-based mesh VPN. Provides secure remote access to HA and the home network from anywhere without port forwarding.



Tailscale is not exposed as HA entities — it runs as a network-level service. HA can be accessed via the Tailscale IP from any connected device.

MQTT (Mosquitto Broker)

Integration: mqtt | **Add-on:** Mosquitto broker v7.1.0 | **Entry:** 01KHEMPP6F5Y28VAB029MPY33M

The local MQTT broker is the backbone for:

- Zigbee2MQTT device communication
- ESPHome device telemetry
- Frigate NVR events

Zigbee2MQTT publishes all Zigbee device state to MQTT topics (zigbee2mqtt/<device_name>/...).

Entity	Notes
sensor.zigbee2mqtt_bridge_signal_level	Bridge signal
binary_sensor.zigbee2mqtt_bridge_connection_state	Bridge online
switch.zigbee2mqtt_bridge_permit_join	Pairing mode

ESPHome

Integration: esphome | **2 devices**

Device	Firmware	Area
ratgdov2.5i e4d21f	ESPHome 2023.12.9	Garage
Home Assistant Voice 0919e8	ESPHome 2026.3.2	Bedroom

ESPHome devices communicate over local LAN via the native API — no MQTT required.

Network UPS Tools (NUT)

Integration: nut | **Add-on:** Network UPS Tools v0.18.0 | **Host:** a0d7b954-nut:3493

Monitors the CPS CP1500AVRLCD UPS in the Media Room.

Entity	Notes
<code>sensor.media_room_ups_load</code>	UPS load %
<code>sensor.media_room_ups_battery_charge</code>	Battery %
<code>sensor.media_room_ups_battery_runtime</code>	Estimated runtime
<code>sensor.media_room_ups_input_voltage</code>	Grid input voltage
<code>sensor.media_room_ups_output_voltage</code>	UPS output voltage

Automation: `UPS Power Outage Notification` triggers when UPS switches to battery.

go2rtc

Integration: `go2rtc` (system) | **Status:** loaded

Camera stream proxying and WebRTC support for the HA frontend and Lovelace dashboards. Enables low-latency camera card viewing.

Chrony (NTP)

Add-on: chrony v6.0.1

Local NTP server for IP cameras. Cameras should point to the HA host IP as their NTP server to stay time-synchronized for accurate event timestamps.

Version Monitoring

Two `version` integration entries track HA version:

- `Current Version` — tracks the installed HA Core version
- `Docker Hub` — tracks the latest available version (for update notifications)

Entity: `binary_sensor.home_assistant_version_docker_hub_update_available`

InfluxDB & Grafana

Add-ons: InfluxDB v5.0.2 | Grafana v12.1.0

Long-term time-series storage (InfluxDB) and visualization (Grafana) for HA sensor data. Configured separately from HA's built-in recorder. Provides historical energy, climate, and sensor dashboards beyond what the HA frontend offers.

iBeacon Tracker

Integration: `ibeacon` | **Status:** loaded

Passive BLE iBeacon tracking. Multiple `TELEMATIC-*` and vehicle-related iBeacon devices are detected in the environment (Rivian Phone Key, NIU scooter, vehicle telematics).

“ Most iBeacon devices visible in the registry are external/neighbouring devices detected passively, not intentionally tracked assets. The Rivian Phone Key (`Rivian Phone Key DEEC`) is the most relevant.

Mobile App

Integration: `mobile_app` | **3 registered devices**

Device	Model	OS
Iceheart	iPhone 17 Pro	iOS 26.5
Bacta (iPad)	iPad Pro (iPad16,2)	iPadOS 26.5
Krytos (iPad)	iPad (iPad11,1)	iPadOS 26.3

Provides:

- Presence detection (`device_tracker.*`)
- Push notifications via `notify.iceheart` / `notify.mobile_app_*`
- Sensor data (battery, focus mode, location)

Automation: Multiple automations use `notify.mobile_app_iceheart` for push notifications.

IFTTT

Integration: ifttt | **Title:** IFTTT Webhook

Provides IFTTT webhook trigger capability. A button entity (`jeeves5454@gmail.com IFTTTTrigger-2 is pressed`) is exposed for IFTTT-initiated actions.

Pushover

Integration: pushover | **Status:** loaded

Push notification service as an alternative to the mobile app. Used for alerts where broader notification reach is needed.

Notes / Gotchas

- Mosquitto, Zigbee2MQTT, and MQTT integration must all be running for Zigbee to work. If any component restarts, the others may need re-initialization.
- NUT add-on version in the device registry shows v0.18.0 — this reflects the add-on version installed; the actual nut package may be newer.
- InfluxDB and Grafana are community add-ons (a0d7b954 repository) — they receive updates separately from core HA.

Last Updated

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