

Key Advantages

Real-time Monitoring and Alerting

Monitor host and service health with instant Email or Telegram alerts when status changes, so problems are found and addressed quickly.

Multi-Protocol Checks:

Supports ICMP, TCP, DNS, HTTPS, and SNMP monitors, plus SNMP charts, MIB profiles, and schedule windows for flexible coverage across sites.

Observability Integration:

Expose Prometheus /metrics with dedicated tokens, import a Grafana dashboard for mini_noc_* series, and automate via REST API.

Secure Operations Console:

Web console with user management (optional OTP), HTTPS certificates, license control, system tools, and complete audit logs.

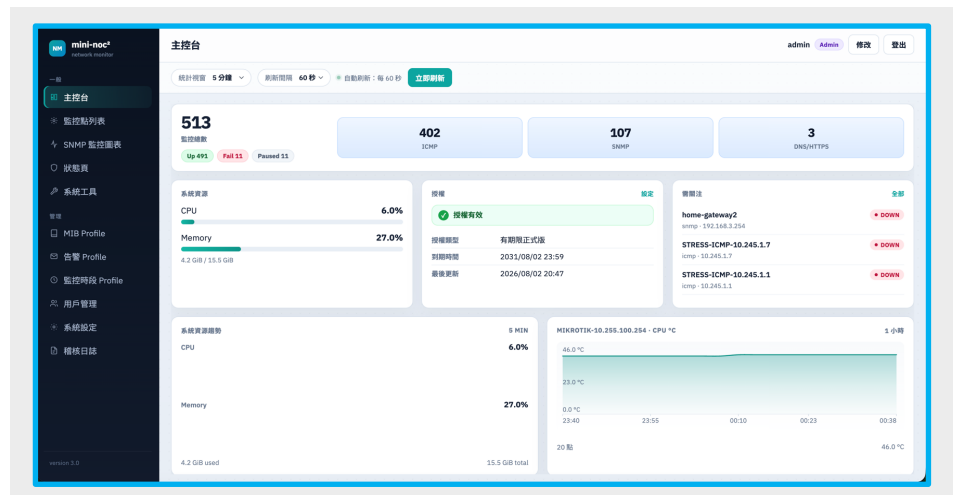
mini-noc² network monitor

mini-noc² network monitor is a lightweight monitoring solution for enterprise IT teams. It provides real-time host and service checks using ICMP, TCP, DNS, HTTPS, and SNMP, with a clear web console built for everyday network operations.

Operate hundreds of monitors from one console, chart SNMP interfaces and device metrics, publish a status page, and notify operators by Email or Telegram when issues appear — without deploying agents on monitored devices.

Prometheus /metrics (mini_noc_*) and a ready Grafana dashboard help you plug into existing observability stacks, while REST API tokens, audit logs, optional OTP for users, and system tools support secure automation and operations.

Console Dashboard Screenshot:



Use-Cases

Host and Service
Health Monitoring

SNMP Metrics and
Traffic Charts

Status Page, Alerts,
and Observability

Virtual Machine Specifications

Design Considerations	Memory	Storage	Cores
network monitor Compact (up to 200 devices) (1). ICMP / TCP / DNS / HTTPS / SNMP (2). Email & Telegram alerts + (3). Prometheus metrics / Grafana ready	8GB	100GB	2 Cores
network monitor Standard (up to 500 devices) (1). ICMP / TCP / DNS / HTTPS / SNMP (2). Email & Telegram alerts + status page (3). Prometheus metrics / Grafana ready	16GB	256GB	4 Cores
network monitor — Large (up to 1000 devices) (1). ICMP / TCP / DNS / HTTPS / SNMP (2). Email & Telegram alerts + status page (3). Prometheus metrics / Grafana ready	32GB	500GB	8 Cores

you will get to enjoy a powerful yet affordable and easy-to-use software experience

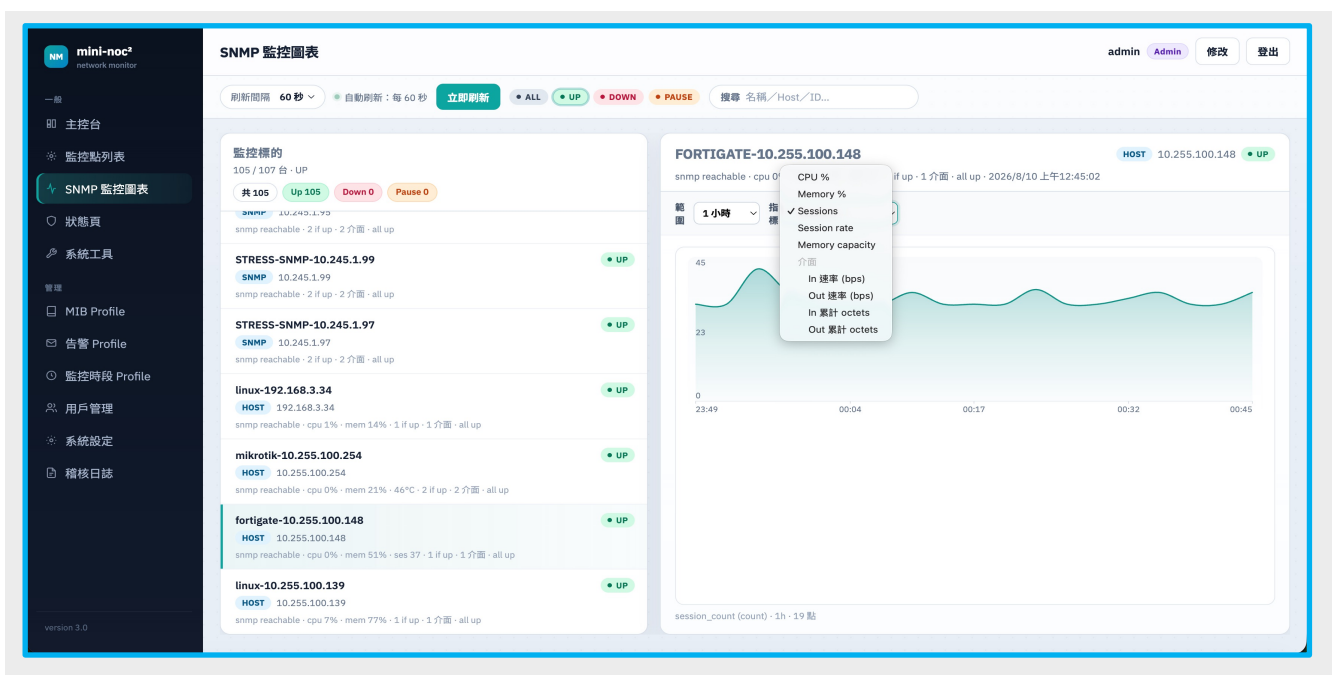
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mini-noc² network monitor Functional Overview

- Simple web console for daily operations — manage monitors, charts, alerts, and settings without complex tooling.
- Agentless monitoring: ICMP, TCP, DNS, HTTPS, and SNMP checks that do not require software on target devices.
- SNMP interface discovery, traffic charts, performance series, and MIB profiles for device-specific metrics.
- Email and Telegram alert profiles, plus monitoring schedule windows.
- Public status page for selected monitors; HTTPS certificate expiry visible in HTTPS checks.
- Prometheus /metrics endpoint (mini_noc_*) with dedicated API tokens (pm_*), plus a ready Grafana dashboard.
- REST API tokens for automation (monitors, series, dashboard, export).
- System tools: Ping, Traceroute, and SNMP Walk.
- Users with optional OTP, license control, system settings, and full audit logs.

Integration Notes

- Prometheus scrape requires reachability to /metrics with a valid pm_* token.
- Telegram alerts need a bot token and chat ID configured in an alert profile.
- SNMP monitors require SNMP reachability (community or credentials) on target devices.



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