QuWakeUp

The smart remote wake-up assistant

Supporting Wake on LAN/WAN to boost WFH productivity
Agenda

1. Problems faced when setting WOL/WOW
2. QuWakeUp solves your WOL/WOW problems
3. QWU-100 Product and Features Introduction
4. User interface introduction and demo
5. Usage Scenarios
Problems faced when setting WOL/WOW
Problems encountered in the personal office

You are not at home or office but need to remote access NAS data...

Call family members or colleagues to turn on device

Keep device online for 24/7

Power consumption issue
Problems encountered by professionals

- It's not easy to manage hundreds of servers...
- Difficult to track device connection status
- Boot each device in person
- Unable to be notified at the very first time when device status is abnormal
There are various remote wake-up applications on the Internet. Not easy to choose, set or operate.

Some situations you may encounter...
- My device status cannot be seen at a glance by using this application.
- That application only allow me to add device one by one, plus there is no remote notification function...
Need to put one or more PC in the office or server room, the cost is high, and the remote desktop stability is difficult to predict.
Wake-On-WAN setup process is complicated

Situations you may encounter:

- Hardware support may be required, it can be time consuming setting VPN up
- Remote connection is unstable.
- I can’t tell whether the device is successfully woken up or not...

**VPN**

**Port Forwarding**
QuWakeUp solves your WOL/WOW problems

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Explore the remote Wake-On-Wan function with QuWakeUp

The smart remote wake-up assistant
QWU-100 Product Introduction

LED Status

1. Status LED
2. LAN1 LED
3. LAN2 LED

I/O

1. USB Type-C power input
2. RJ45 PoE port (LAN 1)
3. RJ45 LAN port (LAN 2)
4. USB Type-A port
5. Reset button
Various Options of Power Supply

a. USB Type-C
A common USB Type C as a power source for easy deployment.

b. PoE Port
If the environment has a PoE Switch, choosing PoE power supply can set up the most streamlined cable configuration.
Flexible deployment and Multiple Management

Compact size but with two LAN ports
Manage two LAN regional networks in one device

QWU-100
### QuWakeUp Feature Highlights

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Highlight 1: Simple installation in 3 steps

Step 1: Power on device. Connect QWU-100 to switch or router

- Lightweight device
- Provide good hands-on software
- Complete remote wake-up setting in three simple steps
Highlight 1: Simple installation in 3 steps

Step 2: Search QWU-100 IP by using Qfinder Pro

Step 3: Finish user name, password and network device setting in one minute

**Default username is admin. Default password is MAC Address.**

https://www.qnap.com/qfinderpro
Highlight 1: Simple installation in 3 steps

The device list is clear at a glance, and the device status is updated every minute.
Highlight 1: Simple installation in 3 steps

Configuration backup and restore is easy and convenient. No need to set all schedule again after device reset.
Multiple wakeup schedule options

QWU-100 can send wake-up commands to single or multiple devices at the same time, or schedule wake-ups every day, Weekly, monthly and other options to help you flexibly manage your equipment online demand.
About wake on device via ethernet

When the computer is turned off, the network card is kept operating, and the network card can still accept and monitor network packets. When it receives the special packet Magic Packet, it will trigger the boot process.

A very common computer technology
Most PC/NAS/MAC support this function

Magic Packet
Six consecutive "FF" (hexadecimal, converted to binary, ie 11111111), namely FF FF FF FF FF FF, followed by the MAC address information repeated 16 times.
It is very convenient to use mobile device management. By installing the Qmanager application on your phone, you are able to remotely grasp the status of the equipments in the local network regardless if you are on your way to work or taking public transportation.
Highlight 4: Remote wake-up via myQNAPcloud

Free cloud connection
MyQNAPcloud provides users with a remote connection solution
As long as you have a QNAP ID and register your device under the account, you can use SmartURL to remotely connect to QuWakeUp in the area.

Register QuWakeUp to myQNAPcloud

MyQNAPcloud account page
Highlight 4: Remote wake-up via myQNAPcloud

Operate through the browser or mobile app, use the QNAP cloud connection to view the device status or wake up the device, and grasp the device status anytime, anywhere.

Turn device on remotely via using QNAP cloud service!
Highlight 5: Cross platform notification

When an abnormal situation occurs, such as an unexpected shutdown, QuWakeUp can push notification via email or to mobile device, so that you can receive notifications immediately and deal with the unexpected situation in real time.

- Fail to wakeup device
- Found unknown device
- Lost connection of important devices
Highlight 5: Cross platform notification

Email Notification

Set the SMTP server for sending emails and check the corresponding notification events to receive notifications in emails.

App Push Notification

You need to register the device with myQNAPcloud ID and complete the pairing with QuWakeUp in Qmanger.
The smartest remote wakeup assistant you can have

Help you save the cumbersome procedures of traditional wake-up, simply click to wake up the device and view the device status

The cloud integration service with myQNAPcloud allows you to connect from a remote network to QuWakeUp in the local network to realize easy management of life.
User Interface Introduction

Operation Menu
- Add Device
- New Group
- Devices

Device List
- Device List
- Model
- IP Address
- MAC Address
- Wake Schedule
- Name

Home
- Wake-up Schedule
- System logs
- myQNAPcloud
- Locate device
- Firmware Update
- Quick Start
- Language
- Product Info
- Debug report
- Log out

Device List:
- Sales Department (7 devices, Online: 7)
  - SW61865
    - Name: COVANALYZE1
    - Model: TDS-1648RU
    - IP Address: 172.17.31.87
    - MAC Address: 00-9B-56-A0-40
    - Wake Schedule: Daily: 02:00
  - OtpAnalysis
    - Model: TVS-671
    - IP Address: 172.17.31.243
    - MAC Address: 24-9E-BE-1A-57-3F
  - NAS190DAE
    - Model: TVS-431P2
    - IP Address: 172.17.30.84
    - MAC Address: 24-9E-BE-19-5D-AE
  - OSM-M908-4C
    - Model: OSM-M908-4C
    - IP Address: 172.17.30.28
    - MAC Address: 24-9E-BE-50-F4-84
  - CyheroIT22ST
    - Model: TVS-882ST
    - IP Address: 172.17.30.38
    - MAC Address: 24-9E-BE-50-8C-12
  - SentEQ2ST3
    - Model: TVS-882ST3
    - IP Address: 172.17.30.65
    - MAC Address: 24-9E-BE-50-A2-09
  - Sam8KIP
    - Model: TS-EC1080Pro
    - IP Address: 172.17.30.82
    - MAC Address: 00-9B-DD-13-4A

Selected devices: 2
User Interface Introduction

- **Wake-up**
- **Add new device**
- **Add group**
- **Move device**
- **Delete device**

**Update status immediately**

**Keyword search**

**Connection status**

**Update every minute. Last update time.**
System Setting - Notification

Automatically scan the connection status of important devices. Receive instant notification of disconnection via email or mobile device.

Add important equipment to the designated list.

Set up SMTP service or Qmanager pairing.

Deal with problems in time!
System Setting – Backup and Restore

Backup device schedule and notification settings

Settings can be restored after reset
SMB Usage Scenario: Wake up the NAS in the office remotely via myQNAPcloud

1. Connect to QWU-100 via myQNAPcloud link and Wake up TVS-472XT

2. Connect to TVS-472XT via cloud link to access company information

No need to change any router settings
You can remotely wake up the NAS on the same network segment as QWU-100
Home Usage Scenario: Wake up the NAS at home remotely through the Qmanager App to quickly access photos.

1. Log in to QWU-100 via Qmanager to wake up TS-451D2
2. Log in to NAS via QuMagie App to share photos

You can easily Wake On WAN through the App and share good memories with your friends.