Welcome to PingRadar

PingRadar is a network monitor running from the menu bar. It is designed to use as little resources as possible.

Features:
- Monitor hosts and report when they go on- or offline
- probe multicast addresses and report when a new host appears
- display network interface statistics
- continuously run a traceroute and visualize hops on a map
- display packet loss in hourly and weekly histograms
- highly optimized custom code written from scratch. No recycled code from the 80s, no calls to external binaries.

Configuration

On first launch, two default configurations are created: a configuration that monitors the LAN by pinging the local router. And a configuration that monitors the WAN by pinging the Google DNS server *dns.google*.

More configurations can be added to monitor additional hosts or responses from broadcast and multicast addresses. Results can be logged and/or displayed as User Notifications (requires at least macOS 10.14).

Session Log

Events are optionally logged non-persistent for the current session and can be filtered by configuration or event type.

Ping Results

Ping results and statistics are persistent between app launches and are displayed in real time.

Interfaces

Interface statistics are displayed in real time.

TraceRoute

Traceoute can be run continuously on a host IP address. The individual hops are visualized on a map.

Histogram

For each configuration, the packet loss can be displayed as histogram over an hourly or weekly time base.

Instructions for Beta Testers

Please report:
- crashes, bugs, unexpected behaviour
- mistakes in spelling, choice of words
- references to an app named *Pinger*, a previous working title of the app

Your opinion is appreciated on:
- the name of the app. *PingRadar* is just a working title.
- design choices. I'm a programmer, not a UI expert.
- missing features

Your help is appreciated with:
- the app and status bar icons. I'm a programmer, not a graphics designer. I'm particularly struggling with the low-res versions (16px and 22px).
- workarounds for known issues.

Please use the *Feedback* menu item for all communications or the *TestFlight* app on macOS 12+.

Known Issues

- the character and emoji picker (ctrl-⌘-space) doesn't work in text input fields. Workaround: none.
- Missing localizations. Workaround: wait for the next release.
- IPv6 support. Workaround: wait for the next release.