PROCHEIRON PLEGMA

User Guide

Everything you need to get the most out of Procheiron Plegma — from first launch and activation to the built-in tools, calculators and device management.

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1 About the App

Procheiron Plegma is an independent networking pocket guide for network engineers and anyone studying networking — for quick reference and revision. It brings together structured theory, IOS commands, review questions, practice exercises, hands-on lab scenarios and built-in calculators — in English and Greek, on Windows, macOS, Linux, Android, iPhone and iPad.

45 chapters in 6 sections	**664** practice exercises	**347** review questions
30 lab scenarios	**152** IOS commands	**140+** acronyms

2 Getting Started

1. Install the app from your store (App Store, Google Play, Microsoft Store), or download the installer from procheiron.pro (Windows .exe, macOS .pkg, Linux AppImage / .deb).
2. On first launch, choose your language: **English** or **Ελληνικά**. You can change it later at any time (see “Changing Language”).
3. Read the short welcome notice and select **I Understand, Continue**.
4. Store versions are ready to use right away. Direct versions ask for your license key once (see “Activating Your License”).

3 Activating Your License

- **App Store (iPhone, iPad, Mac), Google Play and Microsoft Store:** nothing to enter. Your purchase is linked to your store account — install the app on any device signed in with the same account.
- **Direct purchase (Windows, macOS, Linux):** after payment you receive a license key by email. Enter it on first launch. An internet connection is needed for activation.
- One direct license key activates on up to **3 devices**, in any combination of Windows, macOS and Linux.
- After activation the app works offline. When you are online it quietly confirms the license every few days; without a connection it keeps working for up to **14 days** after the last successful check — just connect once to continue.

> Store purchases and direct licenses are separate and cannot be transferred between them.

4 Finding Your Way Around

- The **side menu** lists the 6 sections: Media, Addressing & Hosts (13 chapters), Switching & Edge Access (8), Routing (6), Services & Security (8), Operations, Automation & AI (4) and Beyond the Essentials (6). Select a section to expand it and a chapter to open it. On phones, open the side menu with the menu button.
- Every chapter has four tabs: **Theory**, **Commands**, **Q&A** and **Exercises**. Chapters 4, 6 and 7 also have a **Calculator** tab.
- Use the **← / →** buttons at the end of each chapter to move to the previous or next one.
- Use **Search** to look across all chapters at once (e.g. OSPF, VLAN, subnetting). Type at least 2 characters.

5 Studying a Chapter

- **Theory** — structured notes with tables and diagrams.
- **Commands** — the IOS commands for the topic, with syntax and examples.
- **Q&A** — review questions; select a question to reveal its answer.
- **Exercises** — multiple-choice questions; choose an answer to see instantly whether it is correct, with a short explanation.
- Questions and exercises are for **practice and revision only**. They are not exam questions and carry no guarantee of any kind.
- The **Progress** bar in the side menu shows how far you have come across the 45 chapters.

6 Tools

Open the **Tools** area of the side menu:

- **Command Index** — 152 IOS commands grouped by task, with search and one-tap copy.
- **Troubleshooting Paths** — 10 fault paths, starting from the symptom. Each step gives a command, what to look for and where to go next.
- **Reference Cards** — ten compact cards: layers, route sources, spanning tree, OSPF, ports, prefixes, special ranges, NAT terms, DSCP marks and the Meltemi addressing plan.
- **Acronym Glossary** — 140+ definitions and acronyms, with search and filter.
- **Lab Scenarios** — 10 scenarios on the Meltemi network, each at 3 levels (Easy, Medium, Hard), with a topology, an addressing table, objectives and a solution to reveal when you are done.

7 Calculators

Built into the chapters where you need them:

- **IPv4 Subnet Calculator** — network and broadcast address, host range and subnet mask.
- **IPv6 Calculator** — address analysis, compress / expand, EUI-64 interface ID and subnetting of a /48 prefix.
- **Number Systems Calculator** — decimal ↔ binary ↔ hexadecimal, and the binary breakdown of an IPv4 address.
- **Subnet Mask ↔ CIDR Converter** — prefix length ↔ subnet mask.

8 Personalize

- **Theme** — switch between Dark, Light and Sepia with the theme button.
- **Text size** — use the **− / 100% / +** zoom controls.
- **Share** — send the app to a friend via WhatsApp, Viber, Telegram, email and more, from the ⋮ menu.

9 Changing Language

Open the ⋮ menu and select **Ελληνικά** (or **English** in the Greek version). The app switches immediately. Both languages cover the same chapters and tools.

10 Managing Devices (Direct Licenses)

- Open ⋮ → **License** to see your license status and key (partly hidden) and to **Deactivate this device**. Deactivating frees one of your 3 slots; you will need to enter the key again to use the app on that device.
- **Moving to a new computer?** Deactivate the old one first, then activate the new one with the same key.
- You can also manage your devices from your procheiron.pro account: **My Account → Manage Devices**.
- Devices that stay inactive for about 75 days are released automatically.
- Store versions (App Store, Google Play, Microsoft Store) have nothing to manage here — they follow your store account.

11 Common Questions

- **My license key is not accepted.** Copy it exactly as it appears in the email, without extra spaces, and make sure you are online.
- **“Device limit reached”.** Deactivate a device you no longer use (from ⋮ → License on that device, or from My Account → Manage Devices) and try again.
- **The app asks for my key after a long time offline.** Connect to the internet once; the license is confirmed automatically.
- **I can’t find my key.** Check your email, including the spam folder. If it’s still missing, contact us.
- **I bought it on one store; can I use it on another platform?** Store purchases stay within that store. For a mix of Windows, macOS and Linux, a direct license covers up to 3 devices.

12 Need Help?

Write to us through the contact form on procheiron.pro. Mention your platform (e.g. Windows, iPhone) and what you see.

Found a mistake in the content? Open ⋮ → **Report an error** (or the ⚑ **Report an error** button in a chapter). Your email app opens with the report ready; nothing is sent until you press Send.