RadiusForge

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What it is, who it's for, and where to start

RadiusForge for ISPs & WISPs · Version 2026.10.17 · radiusforge.co.uk

What RadiusForge is

RadiusForge is a friendly web console for running a **FreeRADIUS** network, built for internet service providers (ISPs) and wireless providers (WISPs). It lets you manage subscribers, speed plans, live sessions and Wi-Fi hotspot vouchers from clean web pages — without needing to understand raw RADIUS attributes or edit configuration files by hand.

Underneath, RadiusForge installs and manages the proven, standard open-source stack — **FreeRADIUS**, **MySQL**, and a hardened web application — on a server you own. Your subscriber data never leaves your hardware.

> **New to RADIUS?**
> RADIUS is the system that decides, in an instant, whether someone connecting to your network is allowed in, how fast their connection should be, and how much data they have used. RadiusForge is the control panel for that system. The **Getting Started** guide explains all of this assuming no prior knowledge — start there if any of this is unfamiliar.

Who it's for

- **ISPs and WISPs** authenticating broadband, fixed-wireless or PPPoE subscribers.
- **Hotspot operators** — campsites, hotels, cafés, marinas — who sell or hand out Wi-Fi access with printed voucher codes.
- Anyone replacing an ageing daloRADIUS / RADIUS Manager setup, or moving off hand-edited FreeRADIUS, who wants a modern, supported console.

What you can do with it

- Add **subscribers** and assign them a **speed plan** in plain Mbps — no attribute syntax.
- Register your **routers** (MikroTik, Juniper, Fortinet and any standards-compliant RADIUS gear).
- Watch **who is online right now**, and disconnect or look up any session.
- Issue **hotspot vouchers** in batches, print a tidy voucher sheet, and have them expire by time or data automatically.
- See **reports** on data use and every login attempt, with a plain-English reason when a login is refused.
- Run several networks from one install with **multi-tenant organisations**, each kept separate.
- Secure staff logins with **two-factor authentication**, and check passwords against your own **LDAP / Active Directory** if you prefer.

What's in this pack

Your download includes this documentation set so you can get running without an internet search:

Guide	Read it when
Quick Start	You want the fastest path from download to a working console.
Install Guide	You want the full, careful install with every check explained.
Getting Started	You're new to RADIUS and want the concepts, then your first setup.
User Guide	You want every screen explained, including hotspot vouchers.
Deployment Guide	You're preparing a production server — OS choice, HTTPS, upgrades.

What you need

- A server of its own running **RHEL 8/9, Rocky Linux, AlmaLinux**, or **Ubuntu 22.04 / 24.04 LTS** (a virtual machine is fine).
- Internet access on that server during installation.

- Root (`sudo`) access.

RadiusForge installs its own FreeRADIUS and MySQL, so it needs a clean server — it will not install alongside an existing RADIUS or database server, and it checks for that before making any change.

Licence and trial

A fresh install runs on a **30-day free trial** — no key needed to begin. After the trial, a licence keeps the console editable. Your subscribers keep authenticating no matter what; a lapsed licence only makes the console read-only, it never interrupts anyone's connection.

Getting help

Questions, licences, or anything else: **info@radiusforge.co.uk** — or visit **radiusforge.co.uk**.