NavAP

ADMINISTRATOR GUIDE

NAVAP OS · NAVIJIN ACCESS POINTS

NavAP OS Administrator Guide

Set up and manage a Navijin access point running NavAP OS: secure first sign-in, SSIDs, radios and automatic RF, band steering and schedules, clients, security baseline, firmware and NavCloud.

First sign-in · SSIDs · Auto RF · Band steering · Clients · Security · Cloud

Applies to	Document	Published
NW-AP625-2.5G with NavAP OS 1.0.14 or later	**NJ-AG-AP-001 · Rev. 1.0**	**November 2026**

ABOUT THIS GUIDE

About NavAP OS

NavAP OS is the operating system of Navijin access points. It can run **standalone** with its own web interface, or be managed centrally by a Navijin gateway or **NavCloud**. This guide covers the standalone web interface. When the access point is managed by a gateway or the cloud, configure SSIDs there instead.

Conventions: menu paths are shown in **bold** (for example **Network** → **VLAN**); commands and values in `monospace`. Screenshots may differ slightly by firmware version.

Who this guide is for

- Installers deploying Navijin access points
- Administrators of small sites without a controller
- Support teams checking an access point locally

What you need

- A Navijin access point running NavAP OS
- A PoE switch or injector of the right class
- A computer on the same network

Factory defaults

Setting	Default
Administrator password	None. You create it at first sign-in
Web interface	`https://<access-point-address>/` (address from your DHCP server)
Session timeout	15 minutes of inactivity
Serial console	Sign-in required; no password-less shell

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SECTION 01

First sign-in

1

Power and connect

Connect the access point to a PoE switch port or injector on a network with a DHCP server. Find its address in the DHCP leases of your gateway or router.

2

Open the web interface

Browse to `https://<address>/`. Continue past the certificate warning on first use.

3

Create the administrator password

Navijin access points have **no default password**. Create a strong password; it is required before the access point can be configured. Sign in again with the new password.

> **NOTE**
> If no password has been set, the serial console only shows the web address where setup must be finished.

SECTION 02

Dashboard and clients

Page	What you see
Dashboard	System resources, radio status per band and the top clients
Clients	Wireless clients with signal, band and traffic
Logs	The system log

SECTION 03

Wireless networks and radios

1

Create SSIDs

Under **Wireless** → **Wireless networks (SSID)** add networks with name, security (WPA2/WPA3) and password, and the VLAN for each SSID.

2

Radios

Each radio band can be configured separately: channel, channel width and transmit power.

3

Automatic RF optimisation

Let NavAP OS choose channels and power automatically to reduce interference.

4

Band steering

Encourage dual-band clients to use the faster, less crowded band.

5

Wi-Fi schedule

Switch Wi-Fi off outside business hours, for example in offices or schools.

> **TIP**
>
> Use a separate SSID and VLAN for guests and IoT devices, and keep the number of SSIDs low; each SSID uses airtime.

SECTION 04

Network and security

Page	What you configure
Network	Management IP of the access point (LAN) and an optional local DHCP server
Security	Administrator password, security baseline and blocked devices

- Give the access point a management address in your management VLAN.
- Block unknown or misbehaving devices under **Blocked devices**.
- Review the **security baseline** after setup.

SECTION 05

System, firmware and NavCloud

1

Firmware

Under **System** → **Firmware**, install the `.nfw` firmware file for your exact model. NavAP OS verifies the digital signature before installing.

2

Backup and restore

Download a configuration backup after changes; restore it to a replacement unit.

3

Power

Restart the access point from **System** → **Power**.

4

NavCloud

Under **Cloud**, check the connection status and enable cloud management to monitor and configure the access point remotely from NavCloud.

5

Diagnostics

Tools → **Network diagnostics** runs ping, trace and lookup from the access point.

Should I configure the access point locally or from a gateway?

For one or two access points, local configuration is fine. For more, use a Navijin gateway or NavCloud so all access points share the same settings.

I forgot the password.

Perform a factory reset and set up again. There is no master password.

Navijin

Need help?
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