



OPNsense®

Hotspot Controller

Captive Portal

Captive Portal allows you to force authentication, or redirection to a click through page for network access.

This is commonly used on hotspot networks, but is also widely used in corporate networks for an additional layer of security on wireless or Internet access.

Typical Applications

- Guest Network
- Hotel & Camping Wifi Access
- BOYD, bring your own device

Template Management

OPNsense's unique template manager makes setting up your own login page an easy task. At the same time it offers additional functionalities, such as:

- URL redirection
- Option for your own Pop-up
- Custom Splash page

Zone Management

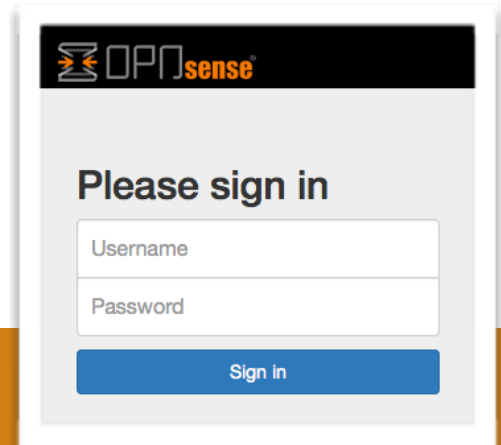
Different zones can be setup on each interface or multiple interfaces can share one zone setup.

Each Zone can use a different Captive Portal Template or share it with another zone.

Authentication

Secure authentication via HTTPS or splash-only portal with URL redirection to a given page. Different sources can be used to authenticate a user in a zone:

- LDAP [Microsoft Active Directory]
- Radius
- Local user manager
- Vouchers / Tickets
- No authentication (Splash Screen Only)
- Multiple (a combination of above)



Timeouts & Welcome Back

Connection can be terminated after the user has been idle for a certain amount of time (idle timeout) and/or force a disconnect when a number of minutes have passed even if the user is still active (hard timeout). In case a user reconnect within the idle timeout and/or hard timeout no login is required and the user can resume its active session.

Bandwidth Management

The Build-in traffic shaper can be utilized to:

- Share bandwidth evenly
- Give priority to protocols port numbers and/or ip addresses

Portal bypass

MAC and IP addresses can be white listed to bypass the portal.

Real Time Reporting

Basic Real Time Reporting is Integrated

- Live top IP bandwidth usage
- Active Sessions
- Time left on Vouchers

Platform Integration

Through the integrated REST API the captive portal application can be integrated with other services.



OPNsense Hotspot Controller Medium

turn-key appliance from the founders



OPNsense®

HOTSPOT CONTROLLER



Great turnkey solution for guest networks in hotels or bed & breakfast.

- ✓ Use any standard Access Point
- ✓ Professional Portal Template
- ✓ Word Voucher Template
- ✓ Fully Open Source Solution
- ✓ Setup Guide Included
- ✓ Desktop & Wall Movable



Specifications

OPNsense is an open source, easy-to-use and easy-to-build FreeBSD based firewall and routing platform.

OPNsense includes high-end features such as forward caching proxy, traffic shaping, intrusion detection and easy OpenVPN client setup. The latest release is based upon FreeBSD 10.1 for long-term support and uses a newly developed MVC-framework based on Phalcon.

OPNsense's focus on security brings unique features such as the option to use LibreSSL instead of OpenSSL (selectable in the GUI) and a custom version based on HardenedBSD.

The robust and reliable update mechanism gives OPNsense the ability to provide important security updates in a timely fashion.

Name	OPNsense Hotspot Controller Medium
SKU	OPN20174B
Weight [Kg]	1.55
Country of Origin	The Netherlands
HS-Code	8517.62.49
Enclosure	Desktop & Wallmountable
Dimensions [W x H xD]	277mm x 50mm x 126mm
Firmware	OPNsense®
CPU	AMD G-SERIES SOC GX-210UA 1.0Ghz Dual Core
Memory	2GB DDR3 1600
Storage	16Gb Secure Digital Flash
Ethernet ports	3x GbE [Intel® 82574L]
Power Supply	External / DC socket (PSU is included)
Regulatory Compliance	FCC part 15 Class A, CE, Rohs
Storage & Operating conditions	Operating: 0 to +45°C / 10 to 90% r. H. non cond., Storage: -20 to +70°C / 5 to 95% r. H. non cond.
MSRP	EUR 429 / USD 479

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rev201511-01

