

NAME

hostapd – IEEE 802.11 AP, IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator

SYNOPSIS

hostapd [-hdBKtv] [-P <PID file>] <configuration file(s)>

DESCRIPTION

This manual page documents briefly the **hostapd** daemon.

hostapd is a user space daemon for access point and authentication servers. It implements IEEE 802.11 access point management, IEEE 802.1X/WPA/WPA2/EAP Authenticators and RADIUS authentication server. The current version supports Linux (Host AP, mac80211-based drivers) and FreeBSD (net80211).

hostapd is designed to be a "daemon" program that runs in the background and acts as the backend component controlling authentication. **hostapd** supports separate frontend programs and an example text-based frontend, **hostapd_cli**, is included with **hostapd**.

OPTIONS

A summary of options is included below. For a complete description, run **hostapd** from the command line.

- h** Show usage.
- d** Show more debug messages.
- dd** Show even more debug messages.
- B** Run daemon in the background.
- P <PID file>**
Path to PID file.
- K** Include key data in debug messages.
- t** Include timestamps in some debug messages.
- v** Show hostapd version.

SEE ALSO

[hostapd_cli\(1\)](#).

AUTHOR

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This manual page was written by Faidon Liambotis <faidon@cube.gr>, for the Debian project (but may be used by others).