

# Firewalle: OpenBSD & PF

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# Dziś w programie

**BSD**

**Licencje**

**OpenBSD**

**PF**

**Soekris**

**Certyfikacja**

**LAMP**

**Linux**

**Apache**

**MySQL**

**Perl / PHP / Python**

# OS/FS

Open Source / Free Software

Linux

DragonFly BSD, FreeBSD, NetBSD, OpenBSD, ...

Apache

THTTPD, Roxen WebServer, ...

MySQL

PostgreSQL, BerkeleyDB, ...

Perl / PHP / Python

Lua, Pike, Ruby, Tcl, ...

# Krótką historia

**1969: UNICS**

**1970: UNIX**

**9 marca 1978: 1BSD**

**czerwiec 1994: 4.4BSD-Lite (wolność)**

**październik 1995: OpenBSD**

**październik 1996: OpenBSD 2.0**

**maj 2005: OpenBSD 3.7**

# OpenBSD

**Małe rozmiary**

**Prostota != Prymitywizm**

**Stabilność**

**System ma się sprawdzać w pracy**

**Przenośność**

**Bezpieczeństwo**

**Zgodność ze standardami**

# OpenBSD

**Koncentracja na bezpieczeństwie**

**Regularne wydania systemu**

**Uparte dążenie do konkretnych celów**

**Poprawianie kodu zamiast zbawiania świata**

# Więcej niż system

**OpenSSH**

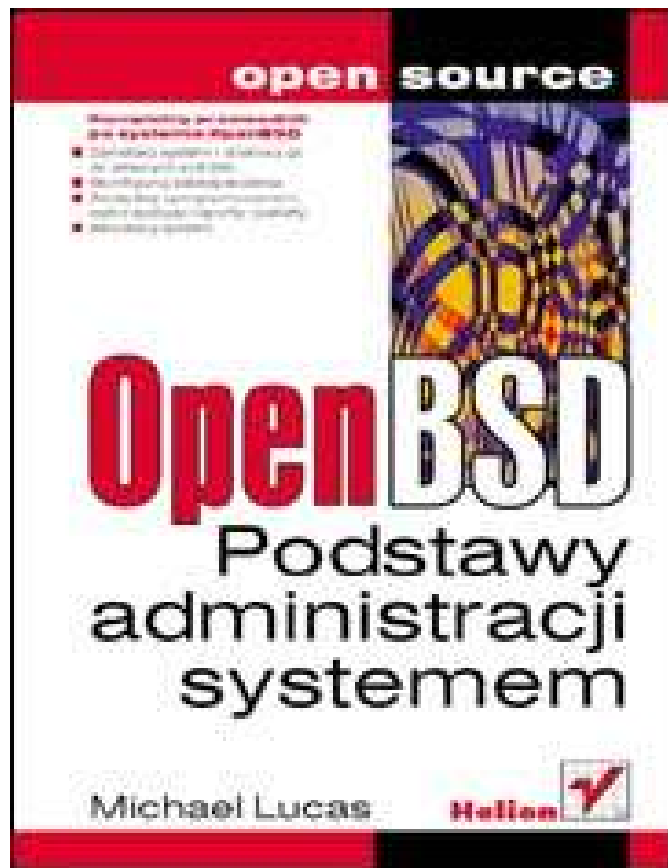
**OpenBGPD**

**OpenNTPD**

**OpenOSPFD**

**OpenCVS**

# *OpenBSD. Podstawy administracji systemem*



autor:

**Michael Lucas**

wydawca:

**Helion**

rok wydania:

**2004**

# PF

**Zastąpił IPFilter w OpenBSD**

**Prosta składnia**

**Prosta architektura**

**Prosta administracja**

**Przenośność**

**Brak problemów licencyjnych**

**Integracja NAT (IP Masquerading), filtra pakietów, ALTQ, oraz innych funkcji w jednym pakiecie**

# Dodatki

**authpf**

**spamd**

**CARP**

# *OpenBSD. Tworzenie firewallei za pomocą PF*



autor:

**Jacek Artymiak**

wydawca:

**Helion**

rok wydania:

**2004**

# Soekris

**Znana architektura (PC)**

**Małe wymiary**

**Niezawodna konstrukcja**

**Proste dostosowanie  
systemu OpenBSD**



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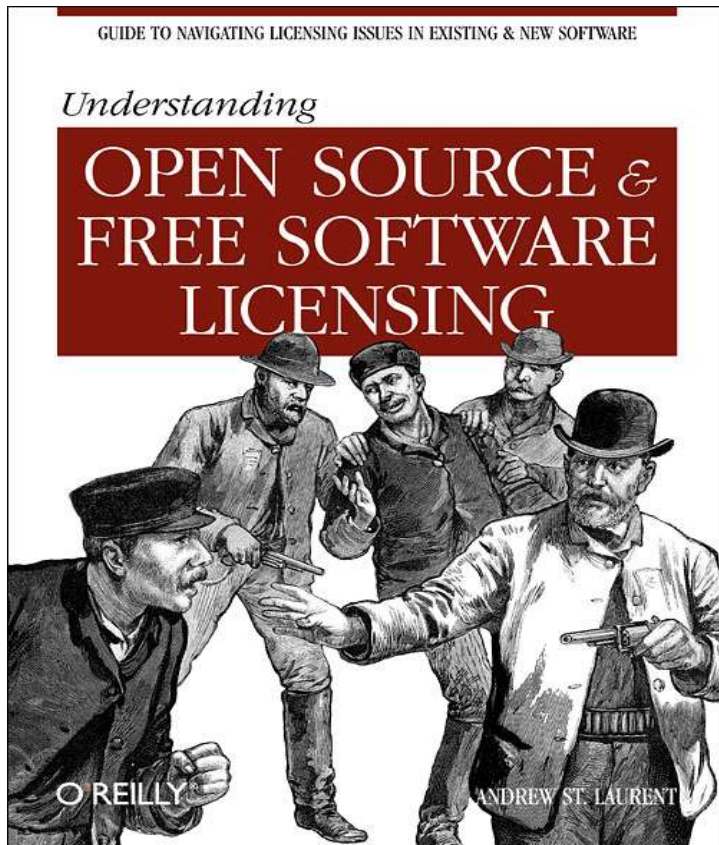
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autor:

**Andrew St. Laurent**

wydawca:

**O'Reilly**

rok wydania:

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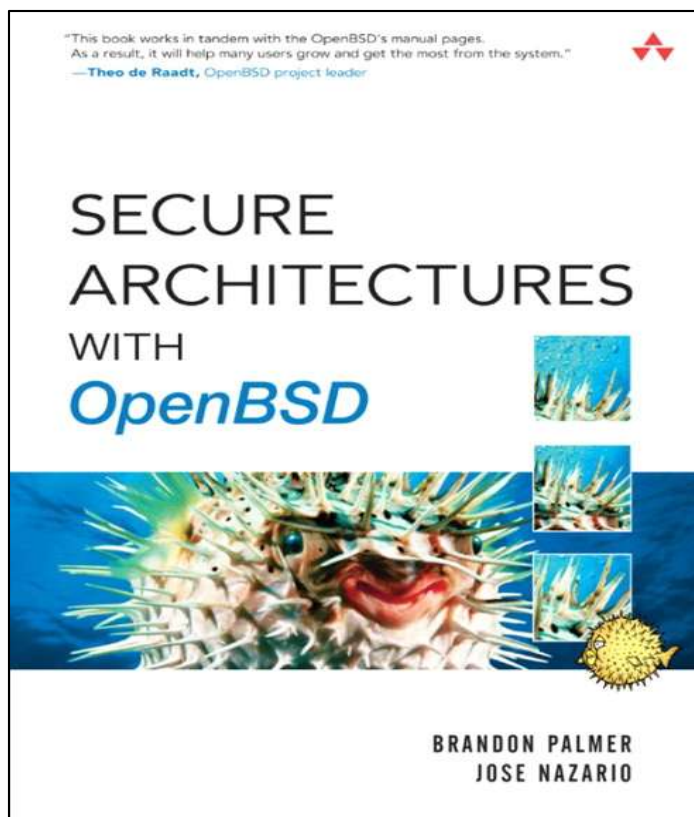
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wymagających certyfikatów**

**Pierwszy program certyfikacyjny do końca 2005**

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# Secure Architectures with OpenBSD



autor:

**Brandon Palmer  
Jose Nazario**

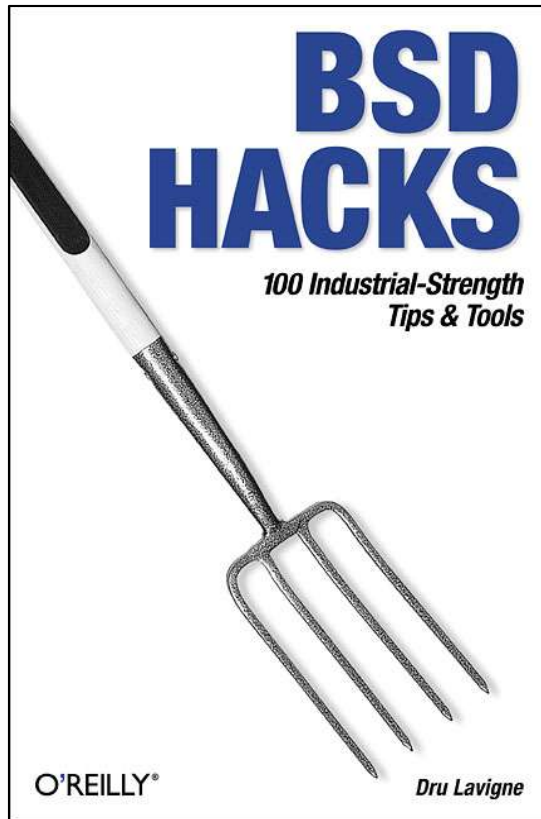
wydawca:

**Addison-Wesley**

rok wydania:

**2003**

# ***BSD Hacks***



autor:

**Dru Lavigne**

wydawca:

**O'Reilly**

rok wydania:

**2004**

# Dziękuję za uwagę

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**podcast: <http://netatnik.pl>**