Fedora Security Lab Test Bench

Part of the Fedora Security Lab

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27.07.2013

About me

- B. Sc. ME (CS) BUAS
- Affolter Engineering

- Fedora Security Lab / Fedora Security Lab Test bench
- Package Maintainer (ca. 120 packages)
- Fedora Ambassador
- Alpine Linux and Breakout.js

How to get in touch with me?

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A safe test environment to work on security auditing, forensics, system rescue, and teaching security testing methodologies.

Fedora Security Spin

- Toolset
- Live media
- Xfce Desktop Environment
- around 130 specialized tools
- customized menu
- installable

counter-part to the Fedora Security Lab

different services, applications, and operating systems

Setup

- minimal Fedora installation
- Ansible for configuration

Types

- single host
- virtualized system
- isolated (tbd)

Web servers

- lighttpd
- droopy
- tomcat
- nginx
- pywebserve
- http-server
- mongoose
- darkhttpd

FTP servers

- vsftpd
- pure-ftpd
- proftpd

File servers

- samba
- nfs

Misc services

- openssh
- dropbear
- telnet
- tftp
- OpenVPN
- cups
- ngircd
- xrdp
- ntp

Vulnerable web applications

- DVWA
- bWAPP
- SQLI Labs
- SQLol
- XSSeducation

Honeypots

- Microsoft Windows XP
- Microsoft Windows 2003 Server
- Linux 2.4.20

incl. simple virtual network

PHP Shells

- AJAX shell
- PHP Shell
- Ani Shell
- WSO Shell
- b374k
- DNA Shell
- Escobar

Future

- LXC
- vulnerable services
- virtual network
- fully working isolated classroom

Resources

- Development website:
  https://fedorahosted.org/security-spin

- Bug tracker:
  https://fedorahosted.org/security-spin/report

- Documentation:
  https://fedora-security-lab-test-bench.readthedocs.org

- FSL Test Bench Source code repository:
  https://github.com/fsl-test-bench

The last words...

- Download: soon available
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https://fedorahosted.org/security-spin