

GNU/Linux Administration - Support #739

Install binwalk on Arch

01/30/2016 10:04 PM - Daniel Curtis

Status:	Closed	Start date:	01/31/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:		Estimated time:	0.50 hour
Target version:	Arch Linux	Spent time:	1.00 hour

Description

This is a simple guide on setting up binwalk on Arch Linux. I've also included additional tools that were required while trying out the Damn Vulnerable Router Firmware project.

Prepare the Environment

- Make sure the system is up to date:

```
sudo pacman -Syu
```

Install binwalk

- Install binwalk:

```
sudo pacman -S binwalk
```

- And also install a few extra dependencies:

```
sudo pacman -S python-opengl python-capstone arj cabextract cpio gzip mtd-utils p7zip squashfs-tools tar bzip2 unrar xz lhasa sleuthkit
```

- Add the optional firmware-mod-kit package from the AUR:

```
yaourt firmware-mod-kit
```

- Install sasquatch to extract non-standard squashfs images:

```
git clone https://github.com/devttys0/sasquatch
cd sasquatch
./build.sh
```

(Optional) Qemu-user-static

- Install the qemu-user-static package from the AUR:

```
yaourt qemu-user-static
```

- And add the binfmt-support package:

```
yaourt binfmt-support
```

(Optional) Install Buildroot

- Install a few dependencies:

```
sudo pacman -S base-devel rsync wget
```

- Clone the buildroot source:

```
git clone git://git.buildroot.net/buildroot
```

Resources

- <https://github.com/devttys0/binwalk>
- <https://www.praetorian.com/blog/getting-started-with-damn-vulnerable-router-firmware-dvrf-v0.1>

History

#1 - 01/31/2016 08:53 AM - Daniel Curtis

- Description updated

- Status changed from New to Resolved

- % Done changed from 0 to 100

#2 - 01/31/2016 03:32 PM - Daniel Curtis

- Description updated

#3 - 01/31/2016 04:47 PM - Daniel Curtis

- Description updated

#4 - 02/20/2016 07:36 PM - Daniel Curtis

- Status changed from Resolved to Closed