

Make your own Hacker Gadget

Vivek Ramachandran

Chief Trainer

<http://PentesterAcademy.com>

Installing USB Support

FREE Course

- PDF Slides
- Code Snippets
- Automation Scripts
- Updates and Offers

<http://PentesterAcademy.com/widy>

Remember! Remember!

Status **System** Network Logout

System Administration **Software** Startup Scheduled Tasks LED Configuration Backup / Flash Firmware Reboot

Software

Actions Configuration

No package lists available [Update lists](#)

Free space: **80% (872.00 KB)**



Download and install package: [OK](#)

Filter: [Find package](#)

Bare Minimum Install

Required Packages for USB Storage

When your USB device is properly recognised by the system, using the proper driver kernel packages listed in [Basic USB support](#), the following packages facilitate USB storage support:

- **kmod-usb-storage** *required* ... Kernel support for USB Mass Storage devices.
- **kmod-fs-<file_system>** *required* ... the file system you formatted your partition in. Common examples include `kmod_fs_ext4`, `kmod-fs-hfs`, `kmod_fs_hfsplus`, `kmod-fs-msdos`, `kmod-fs-ntfs`, `kmod-fs-reiserfs` and `kmod-fs-xf`.
- **kmod-usb-storage-extras** *optional* ... Kernel support for some more drivers, such as for SmartMedia card readers.
- **block-mount** *recommended & required (if using [fstab](#) UCI configuration or [luci](#) Mount Points)* ... Scripts used to mount and check block devices (filesystems and swap) and hotplug capability (recognition when device is plugged in).
- **kmod-scsi-generic**  *probably required* ... Any mass storage is a generic SCSI device.

<http://wiki.openwrt.org/doc/howto/usb.storage>

Updating Package List

Software

Actions

Configuration

No package lists available

 Update lists

Free space: **80% (872.00 KB)**



Download and install package:

Software

Actions

Configuration

Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/Packages.gz.
Updated list of available packages in `/var/opkg-lists/attitude_adjustment`.

Free space: **80% (872.00 KB)**



Download and install package:

 OK

Filter:

 Find package

```
root@OpenWrt:~# opkg update
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/Packages.gz.
Updated list of available packages in /var/opkg-lists/attitude_adjustment.
root@OpenWrt:~# █
```

Install USB and Filesystem Support

```
root@OpenWrt:~#  
root@OpenWrt:~# opkg install kmod-usb-storage kmod-fs-ext4 kmod-fs-vfat block-mount  
Package kmod-usb-storage (3.3.8-1) installed in root is up to date.  
Package kmod-fs-ext4 (3.3.8-1) installed in root is up to date.  
Package kmod-fs-vfat (3.3.8-1) installed in root is up to date.  
Package block-mount (0.2.0-9) installed in root is up to date.  
root@OpenWrt:~#  
root@OpenWrt:~#  
root@OpenWrt:~# █
```

Installing Support

System Administration **Software** Startup Scheduled Tasks LED Configuration Backup / Flash Firmware Reboot

Software

Actions Configuration

```
Installing kmod-fs-ext4 (3.3.8-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/kmod-fs-ext4_3.3.8-1_ar71xx.ipk.
Installing kmod-lib-crc16 (3.3.8-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/kmod-lib-crc16_3.3.8-1_ar71xx.ipk.
Configuring kmod-lib-crc16.
Configuring kmod-fs-ext4.
```

Free space: **54% (584.00 KB)**



Download and install package: OK

Filter:

Status

USB Device Usable

```
[ 408.750000] USB Mass Storage support registered.
[ 410.550000] scsi 0:0:0:0: Direct-Access    hp          v250w          1100 PQ: 0 ANSI: 4
[ 410.570000] sd 0:0:0:0: [sda] 63901440 512-byte logical blocks: (32.7 GB/30.4 GiB)
[ 410.570000] sd 0:0:0:0: [sda] Write Protect is off
[ 410.580000] sd 0:0:0:0: [sda] Mode Sense: 43 00 00 00
[ 410.580000] sd 0:0:0:0: [sda] No Caching mode page present
[ 410.580000] sd 0:0:0:0: [sda] Assuming drive cache: write through
[ 410.600000] sd 0:0:0:0: [sda] No Caching mode page present
[ 410.600000] sd 0:0:0:0: [sda] Assuming drive cache: write through
[ 410.610000] sda: sda1
[ 410.610000] sd 0:0:0:0: [sda] No Caching mode page present
[ 410.620000] sd 0:0:0:0: [sda] Assuming drive cache: write through
[ 410.620000] sd 0:0:0:0: [sda] Attached SCSI removable disk
root@OpenWrt:~#
```

FREE Course

- PDF Slides
- Code Snippets
- Automation Scripts
- Updates and Offers

<http://PentesterAcademy.com/widy>

Pentester Academy

PentesterAcademy a SecurityTube.net initiative



TOPICS PRICING WHY SUBSCRIBE MEMBER ACCESS



Revolutionizing Infosec Training

Highly Technical, Hands-on, Affordable

Start Learning Today!

Latest Videos

New content added weekly!



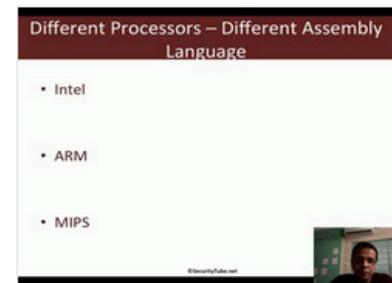
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



Module 1: GDB Test Solution in x86_64 Assembly Language and Shellcoding on Linux



Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux