

# Artemis

As all projects, this one needed to have a name as well. *Artemis* originates from the old Greek and means - amongst others - unharmed or safe. And exactly this Artemis should deliver to you: safety for your data and no harm to your communications.

## Requirements

Hardware	Quantity
RaspberryPi + MicroUSB / Power Adapter	1
MicroSD Card	1
USB Thumbdrive	1
RJ45	1

## Retrieving the Software

Get the latest ArchLinux ISO. Check hashsum. Write to USB.

## Configuration



Note: Ensure to be on a separate secured network or even better, plug yourself in a non-networked computer.

## Firewall

In order to network-secure Artemis tight as possible, we are just going to drop every input and output traffic by default, and whitelist whatever services we need.

### Purging iptables

Save the following commands in `/etc/iptables/purge-all-rules.sh`

```
<sxh bash;Purging all iptable rules> iptables -F iptables -X iptables -t nat -F iptables -t nat -X iptables -t mangle -F iptables -t mangle -X iptables -t raw -F iptables -t raw -X iptables -t security -F iptables -t security -X iptables -P INPUT ACCEPT iptables -P FORWARD ACCEPT iptables -P OUTPUT ACCEPT </sxh>
```

```
<sxh bash;title: Dropping all packages;> # iptables -N TCP # iptables -N UDP </sxh>
```

## References

- [0] [RaspberryPi With Root Partition Encryption, Unlocked Using Flash Drive](#)
- [1] [Archlinux ARM encrypted root](#)

From:

<https://wiki.c3l.lu/> - **Chaos Computer Club Lëtzebuerg**

Permanent link:

<https://wiki.c3l.lu/doku.php?id=projects:howtos:artemis&rev=1409069987>

Last update: **2015/07/15 21:54**

