Artemis

As all projects, this one needed to have a name as well. *Artemis* originates from the old Greek and means - amongst others - unharmful 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

Safe 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

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