

Linux for Embedded Objects

LEO1-E19

Security

The Maersk Mc-Kinney Moller Institute
University of Southern Denmark

Motivation



- ▶ Access control on local system
- ▶ Protection of data in-transit and at rest
- ▶ Avoid impersonation



Chmod 777?



Good

► Good policy

Chain INPUT (policy ACCEPT)

target

prot opt source destination

Chain FORWARD (policy ACCEPT)

target

prot opt source destination

Chain OUTPUT (policy ACCEPT)

target

prot opt source destination

Encryption



- ▶ Symmetric
- ▶ Asymmetric
 - ▶ SSH key
 - ▶ PGP