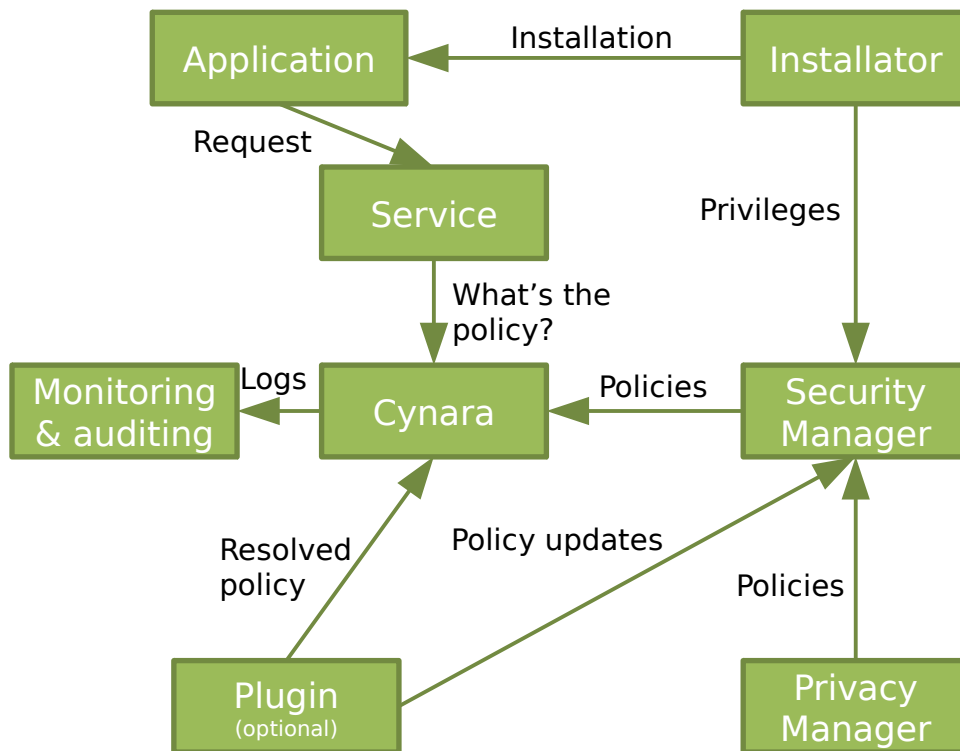




Security framework for embedded Linux distributions

Aleksander Zdyb

What is demonstrated



What was improved

- Separation of processes with LSM
- Separation of users with DAC
- Privilege checking with Cynara
 - static and dynamic policies
- Installation and launching of apps aided by Security Manager
- Auditing included
- Already deployed and tested in several setups

Hardware Information

Embedded devices: phones, TV, IVI, IoT
(Tizen, Automotive Grade Linux, meta-intel-iot-security)

Source code or detail technical information availability

https://wiki.tizen.org/wiki/Security/Tizen_3.X_Overview
<https://wiki.tizen.org/wiki/Security:Cynara>