

Proxy service

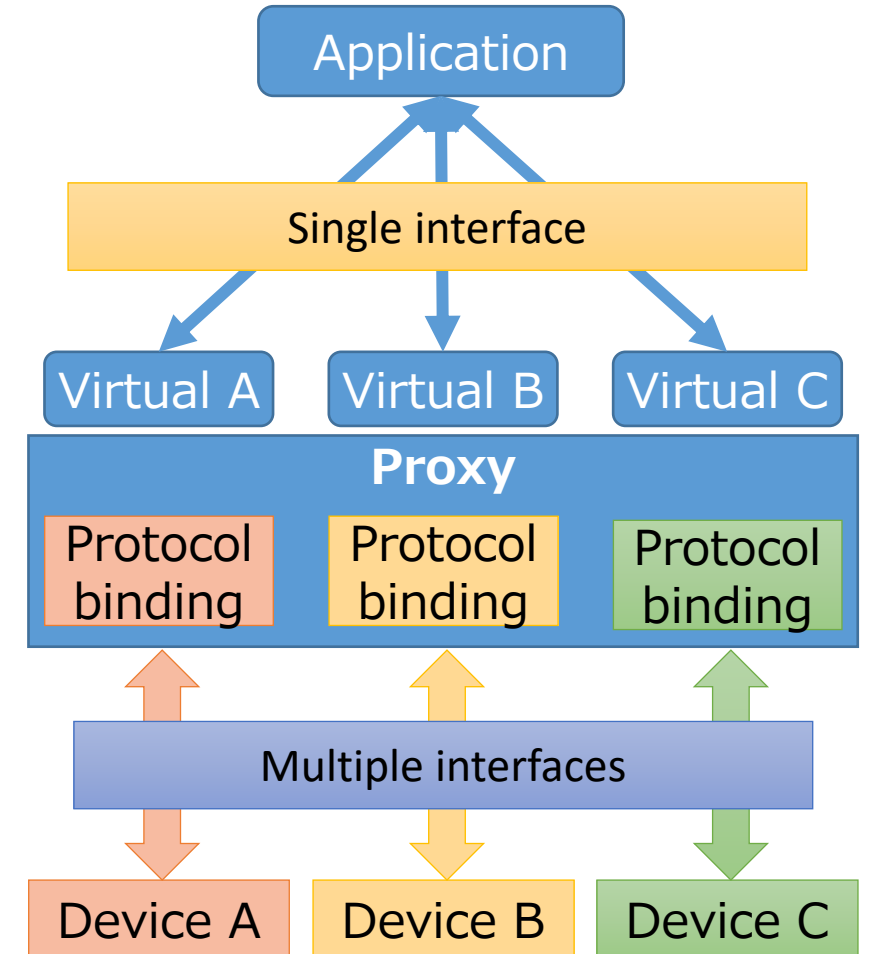
Virtual things and their management

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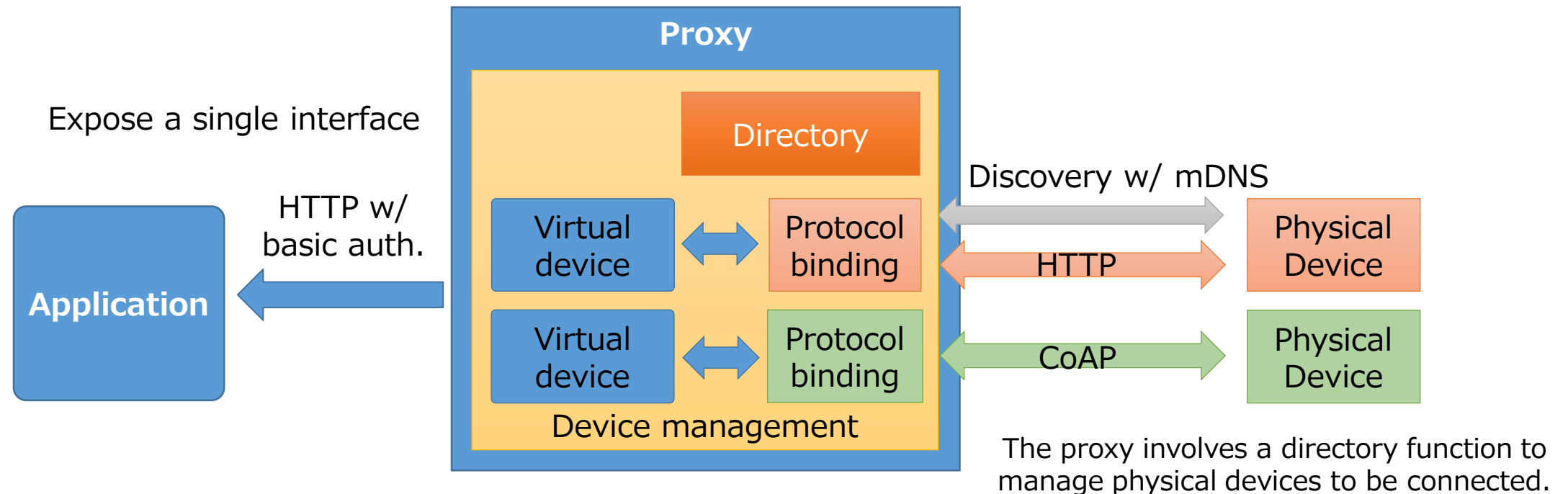
Overview

- Proxy discovers new physical devices and generate virtual devices associate with them.
- Proxy provides a single interface for applications to operate physical devices.
- Proxy manages device information including the device status and the latest data and settings.



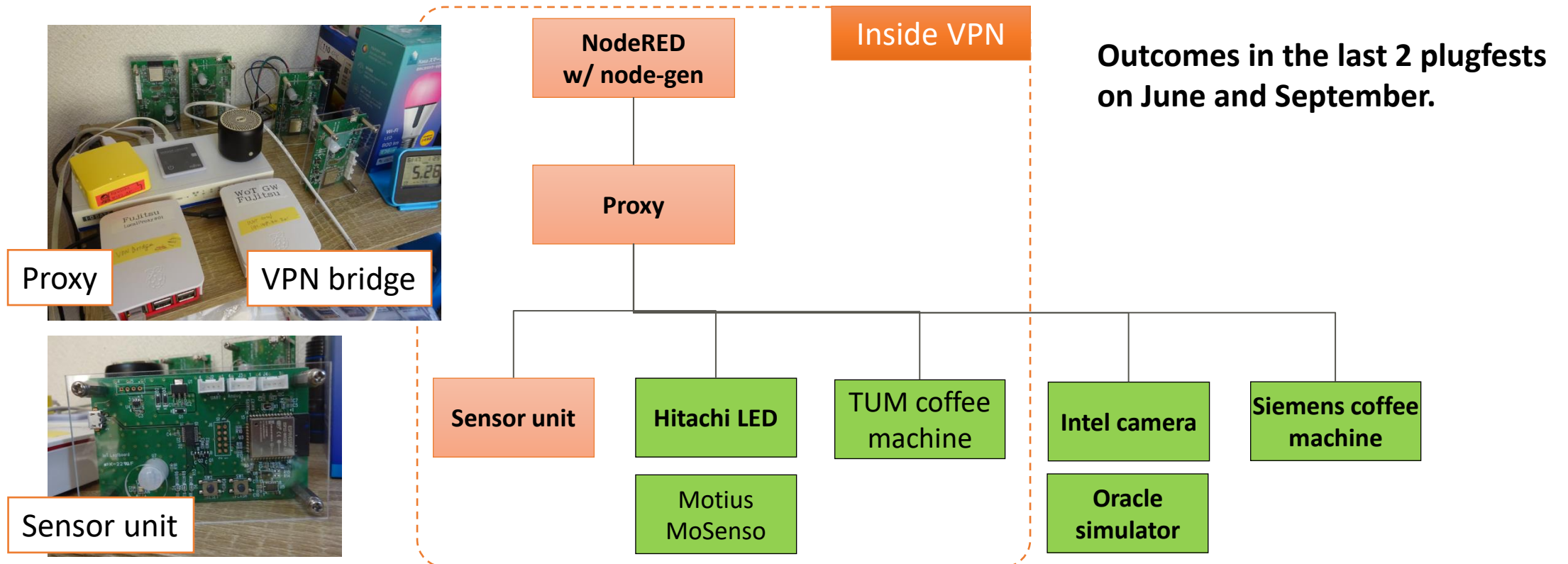
System diagram

- Physical devices broadcast messages to search a proxy with mDNS and gets the address to register their TDs to the Proxy.
- The Proxy generates their virtual devices after the registries and exposes their TDs to applications as a single interface.

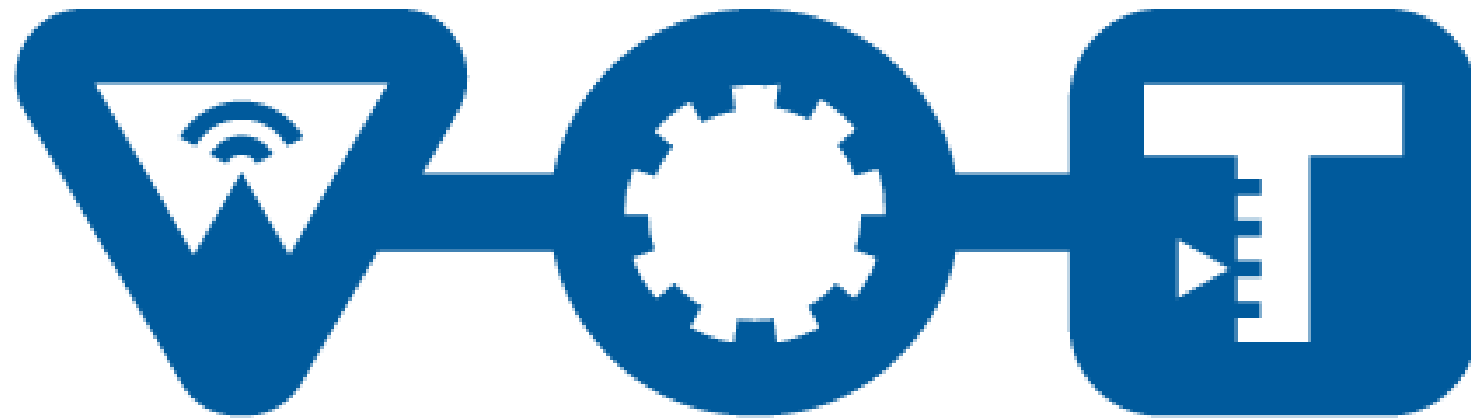


Outcomes in the plugfest

- The Proxy aggregates some devices both inside and outside VPN and exposes their virtual devices to the NodeRED with node-gen.



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THINGS