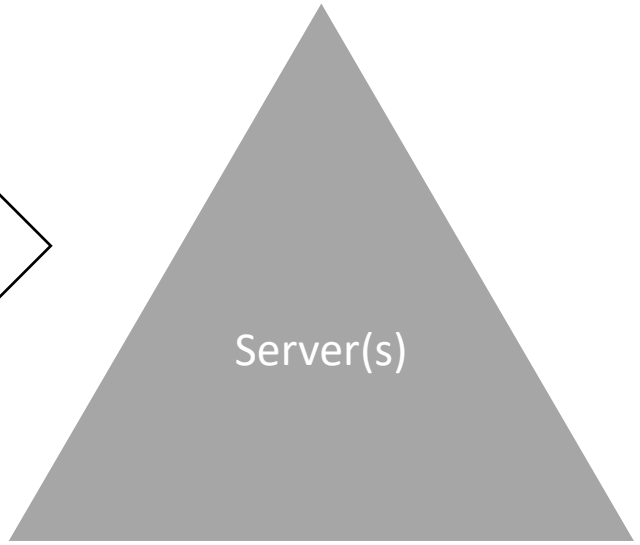
OAuth Native Apps and Device Posture

<draft-wdenniss-oauth-device-posture-01>

- Native apps: same code is distributed and used on a wide variety of devices.
- Today neither authorization servers nor resource servers learn about the hardware and software environment a specific OAuth client (app) is running in.
- OAuth is increasingly used for high assurance level use cases, such as payments, electronic signing, medical services.
- Getting this extra information provides valuable security signals.

Internet of Things

Hardware Platform A

Hardware Platform B

How to communicate information about the hardware and software components?