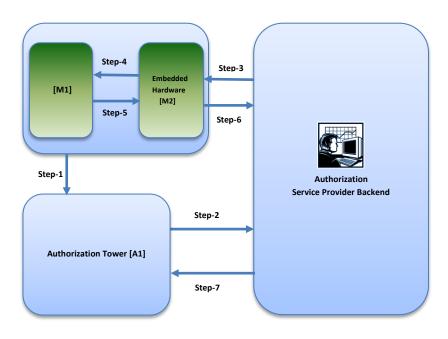
Machine-to-Machine Connection Validation Process

This publication explains the scenario where two machines are connected to each other and their connection needs to be validated to perform an action.

Whenever the connection between Machine-1 (M1) and Machine-2 (M2) requires validation that they are connected to each other, M2 can pass on its unique id to the authorization tower (A1) which can then asks the authorization service provider's backend for getting their connection validated. Service provider can then initiate a connection to M2 and asks for a set of validation parameters (unique and dynamic dataset) to be fetched dynamically from M1 which service provider store while configuration. Based on the response received at the service provider's backend, it can confirm back to A1 whether M2 and M1 are still connected each other and the connection is valid or not.

Figure:



- Step 1: On request of validation to the authorization tower (A1), M2 pass on the identity credentials
- Step 2: Authorization tower gets the request and calls the service provider's backend for validation.
- Step 3: Backend Initiates a separate connection to the embedded hardware (M2) and asks for info about the M1 it is connected to.
- Step 4: Embedded hardware asks for unique / dynamic info to which it is connected to.
- Step 5: M1 sends back the requested info to embedded hardware that is passed on to the service provider.
- Step 6: Service provider receives the response back and performs the validation.
- Step 7: Send back connection validation success / failure to the authorization tower.

Similarly the concept can be applied to M1 passing its id to A1 and getting the connection with M2 validated.

Disclosed Anonymously