

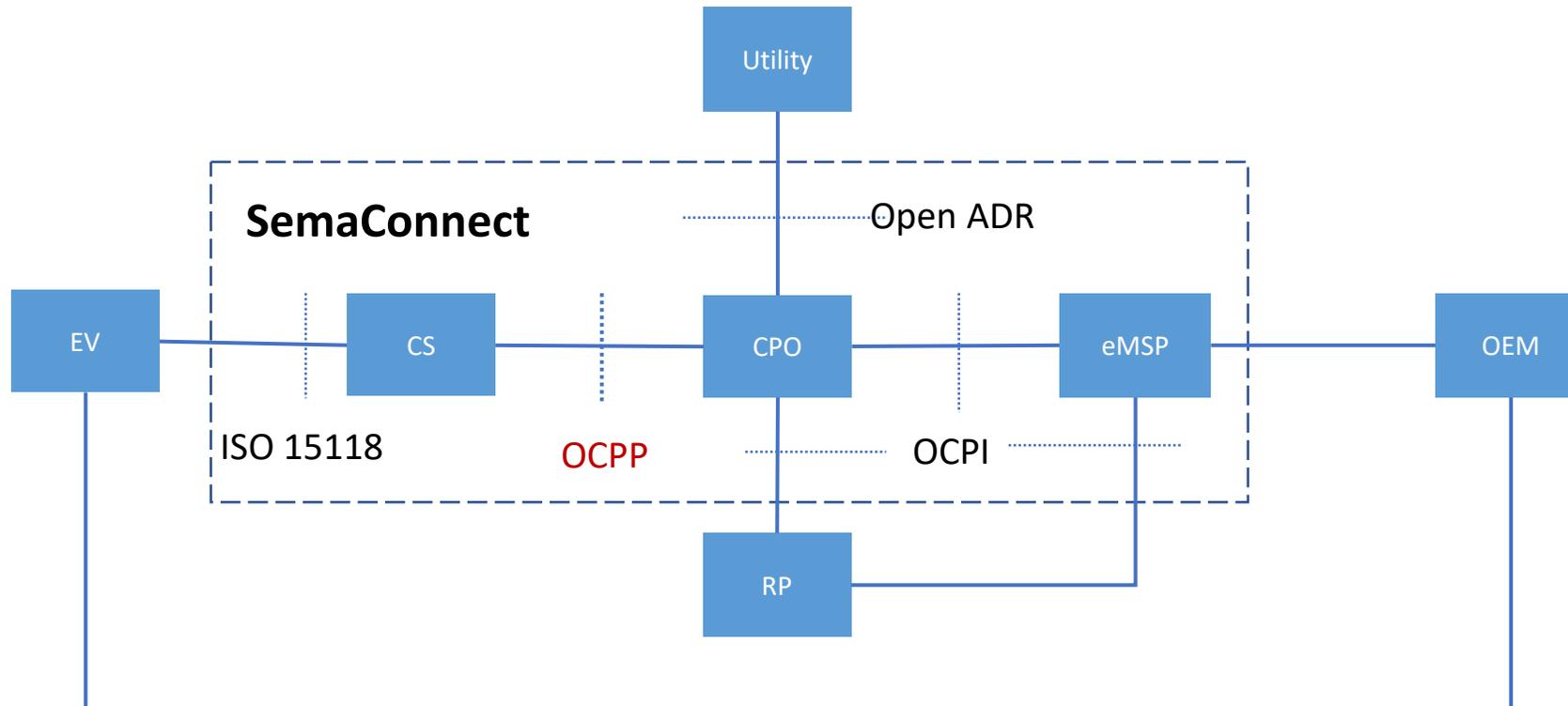
DOCKETED

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ISO 15118

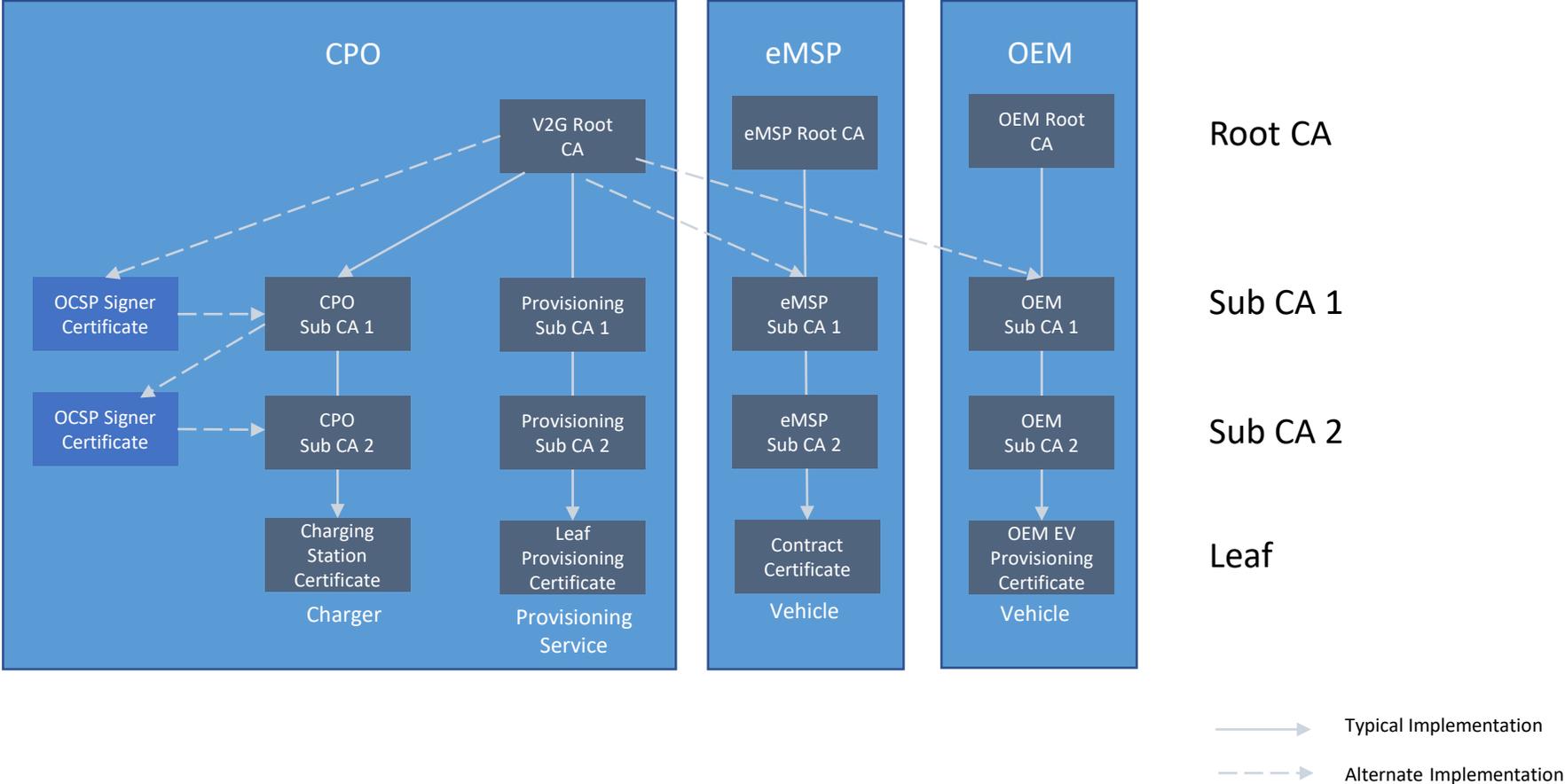
SemaConnect's perspectives

Architecture



EV: Electric Vehicle; CS: Charging Station; RP: Roaming Partner; eMSP: eMobility Service Provider; OEM: Original Equipment Manufacturer

Certificate Authorities



SemaConnect's perspective on mass adoption of Plug & Charge

- ISO 15118 standard needs to support more than one contract certificate
- Charging network provider needs to support Plug and Charge in L2 charger in addition to DC charger
- Roaming standard needs to support plug and charge in roaming partner network
- Standardization required to support the process of exchanging ISO 15118 related certificates
- Requires more choices of 3rd party CAs for ISO 15118