

Service Discovery with Eureka



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@MEchout

Introduction to Eureka Server



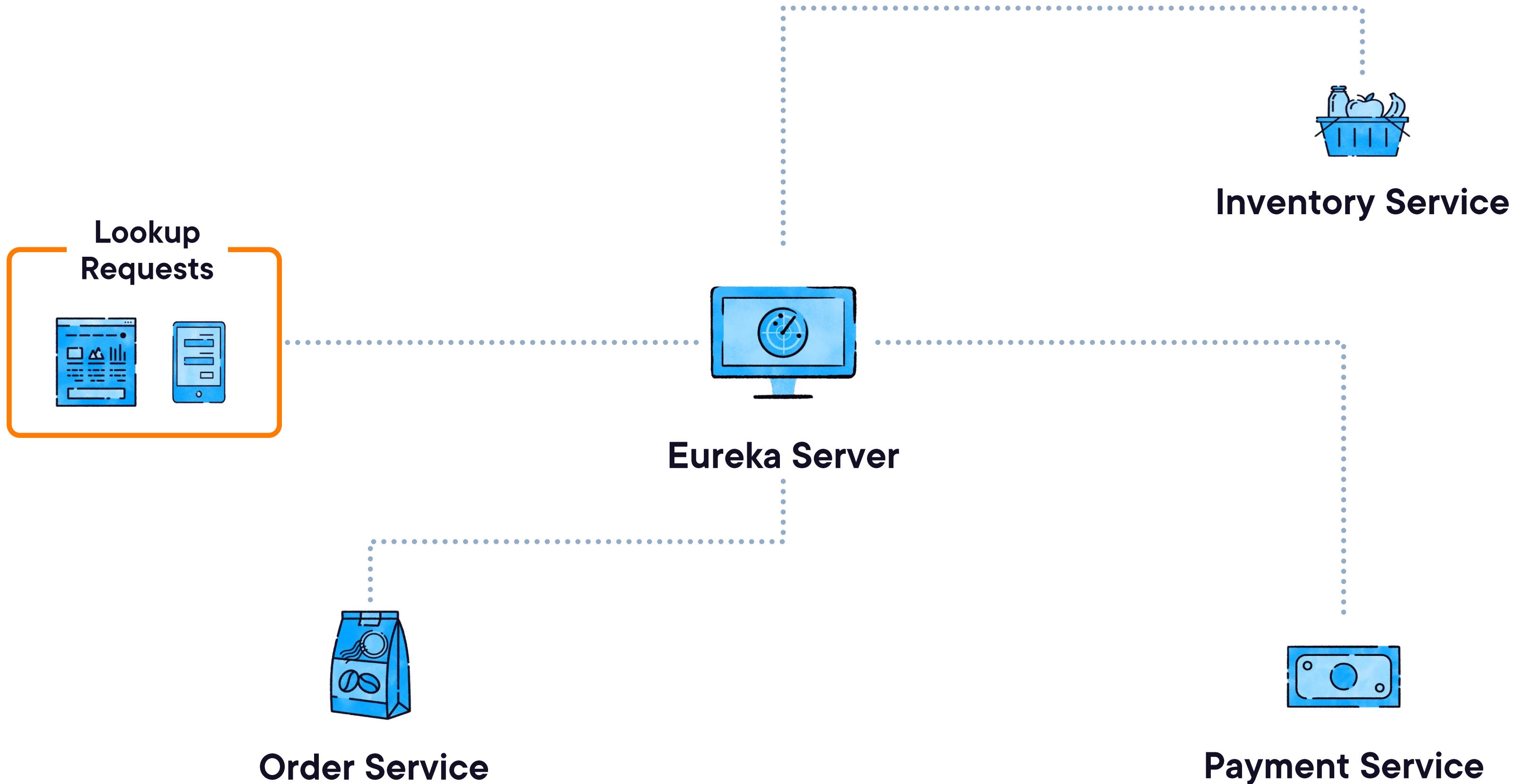


Eureka Server

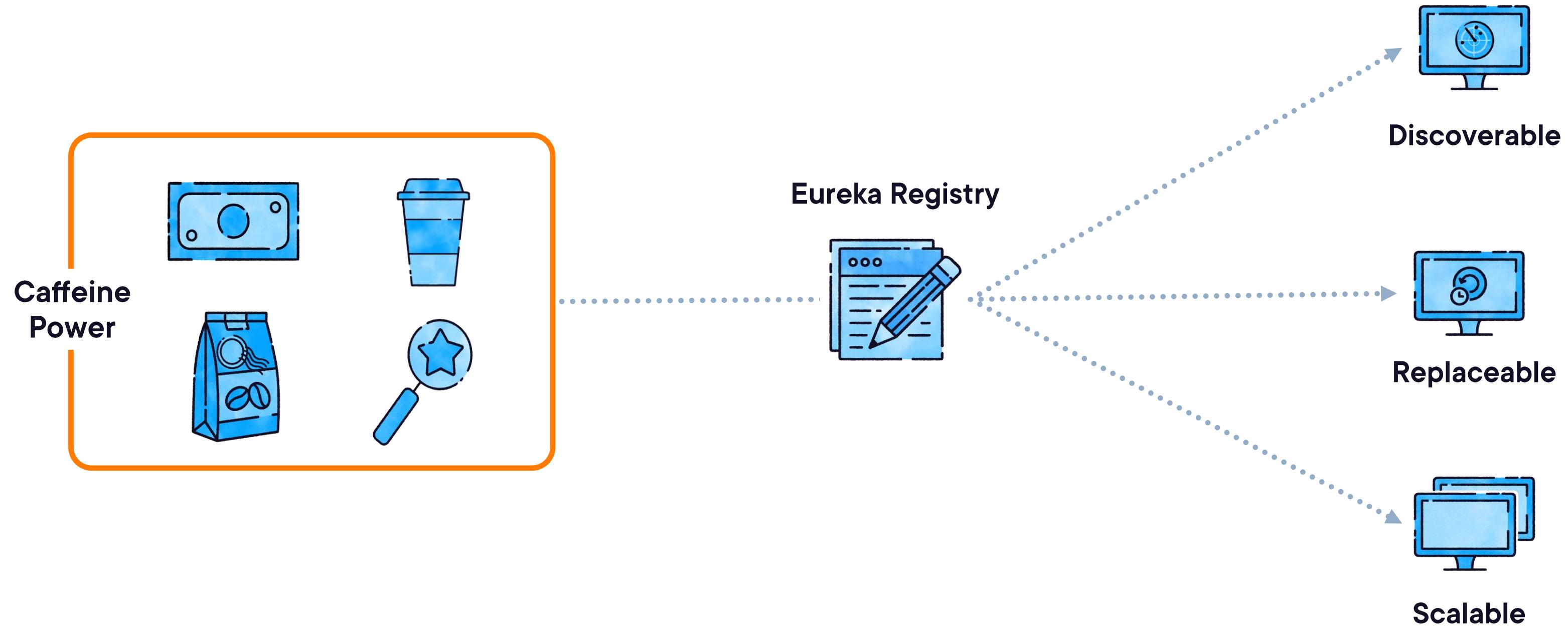
A phone book for your services. Services register themselves; others request that Eureka locate them, and Eureka checks the list regularly to keep it up to date.



Meet Eureka – The Service Registry



Why Do We Need Eureka in Caffeine Power?



The Problem Without Eureka

Hardcoded IPs

128.128.1.1:8081



Order Service

128.128.1.1:8081



Recommendation
Service

When IPs Change

128.128.1.1:8081



Order Service

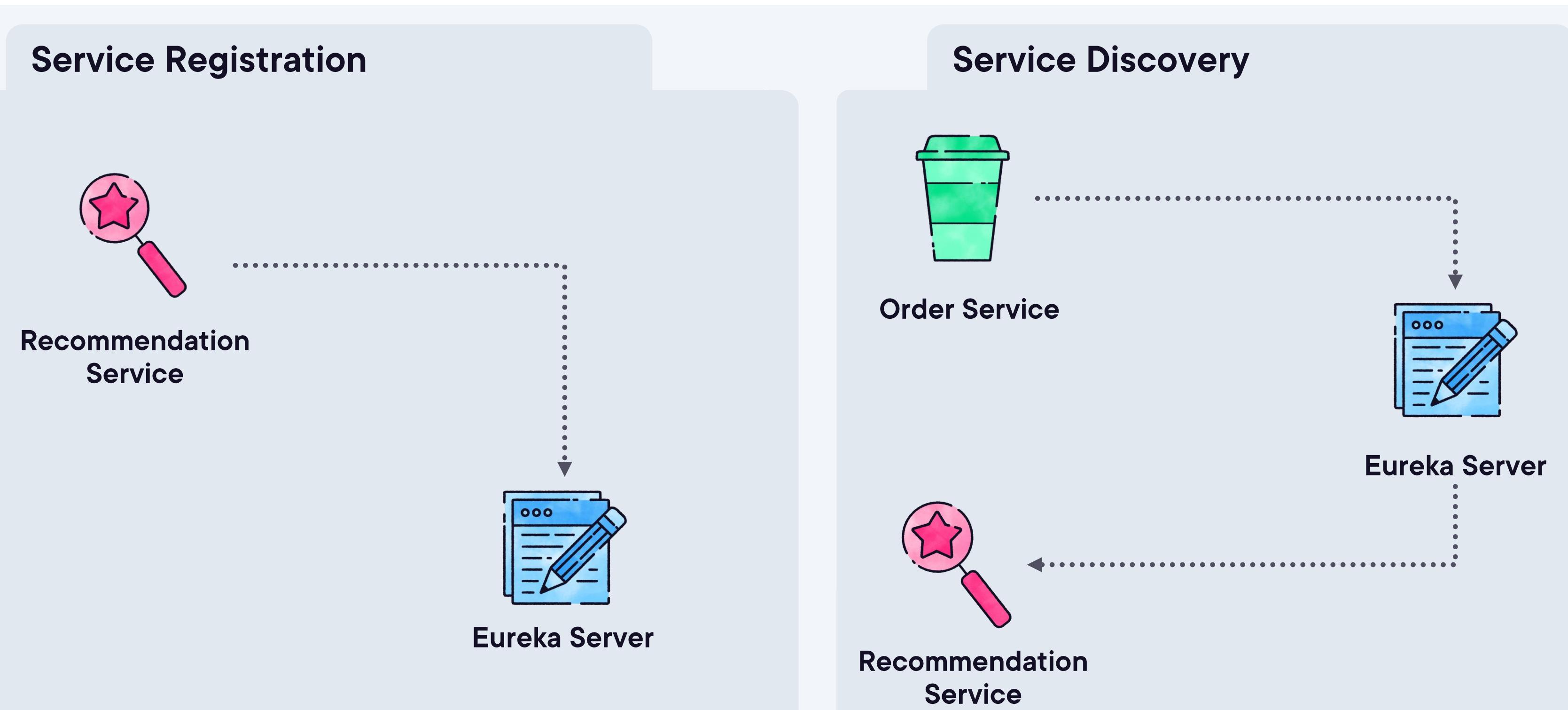
128.128.2.2:8081



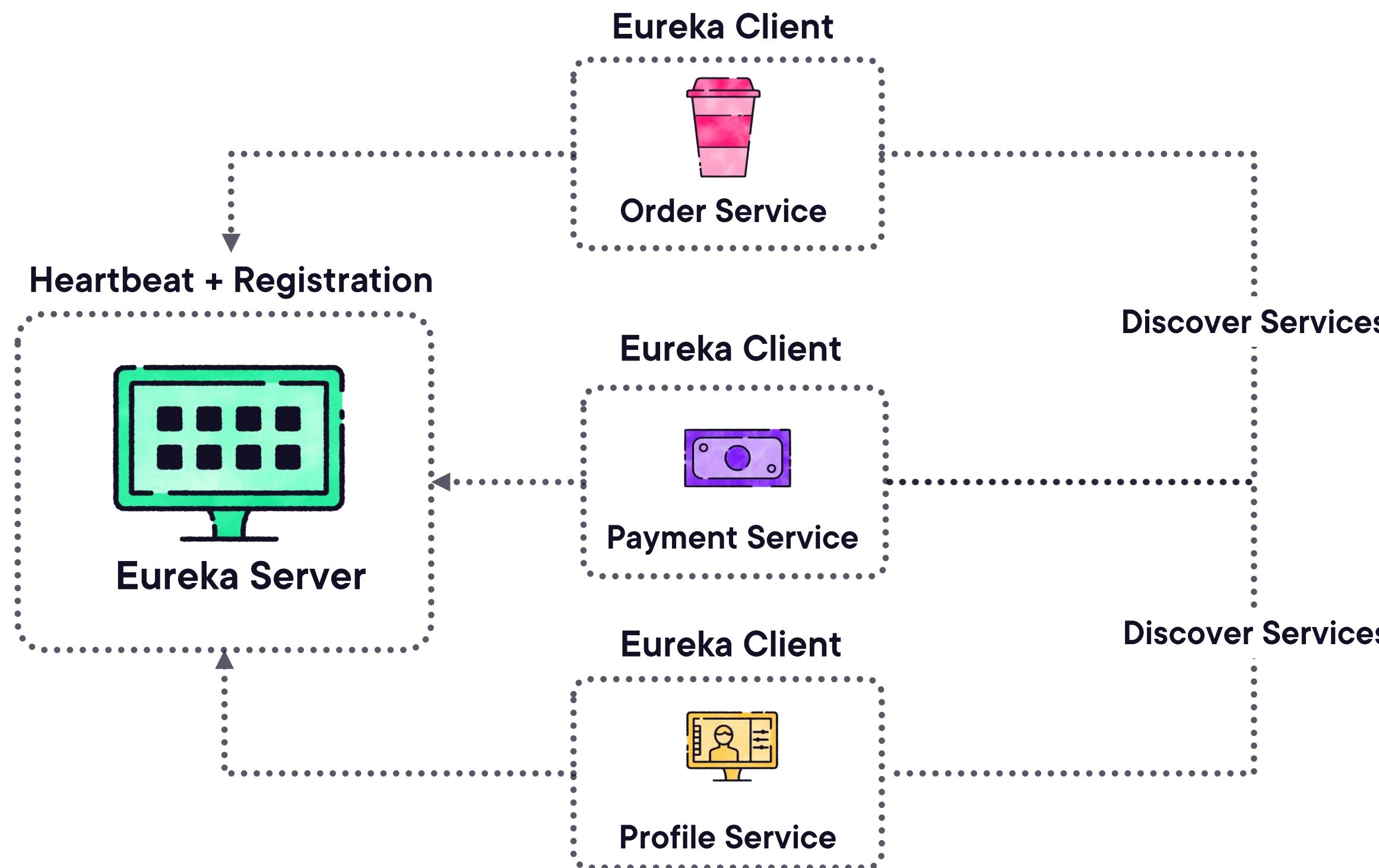
Recommendation
Service



The Solution – Eureka in Action



Architecture Overview – Caffeine Power + Eureka



Demo: Implementing Eureka Clients



Demo: Service Discovery with Eureka

