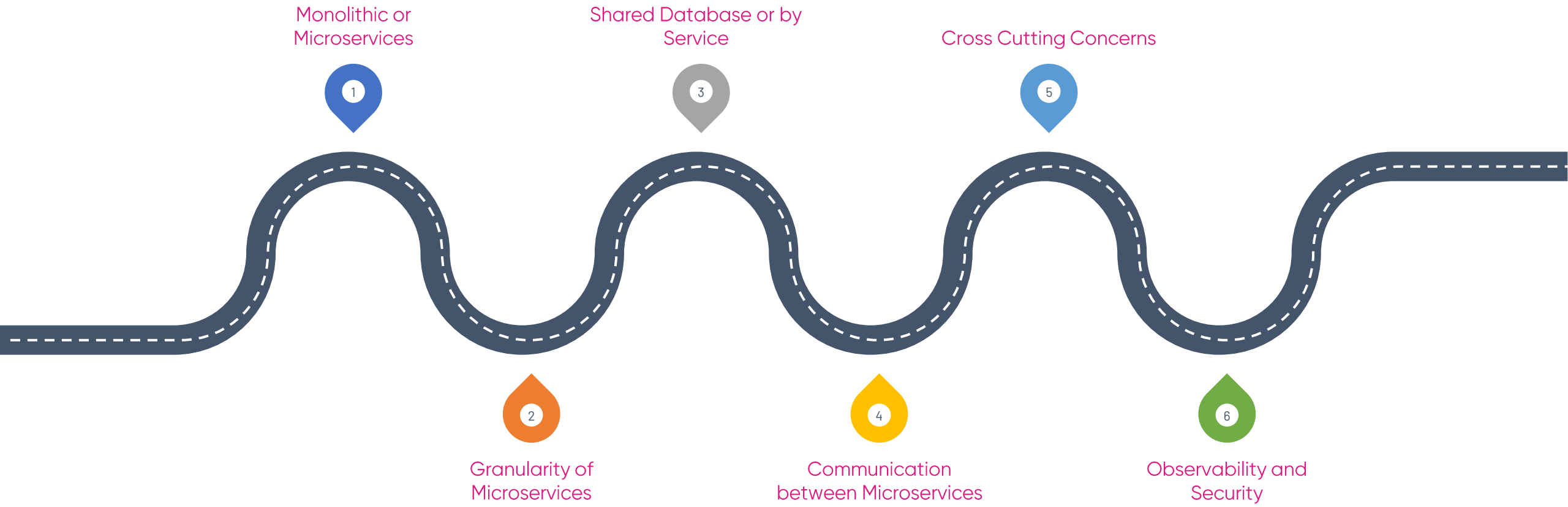
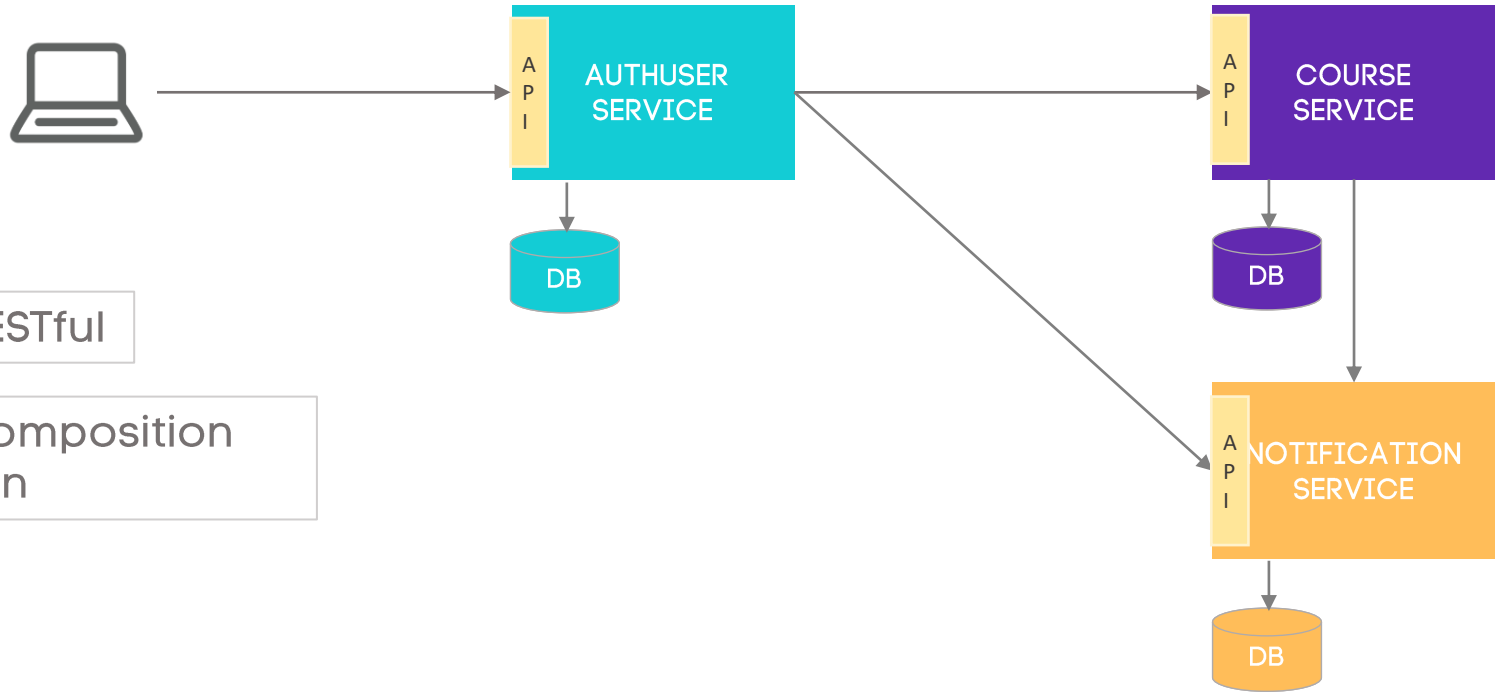
Communication between Microservices


Monolithic or Microservices
1
Shared Database or by Service
3
Cross Cutting Concerns
5
2
Granularity of Microservices
4
Communication between Microservices
6
Observability and Security

Synchronous Communication via HTTP

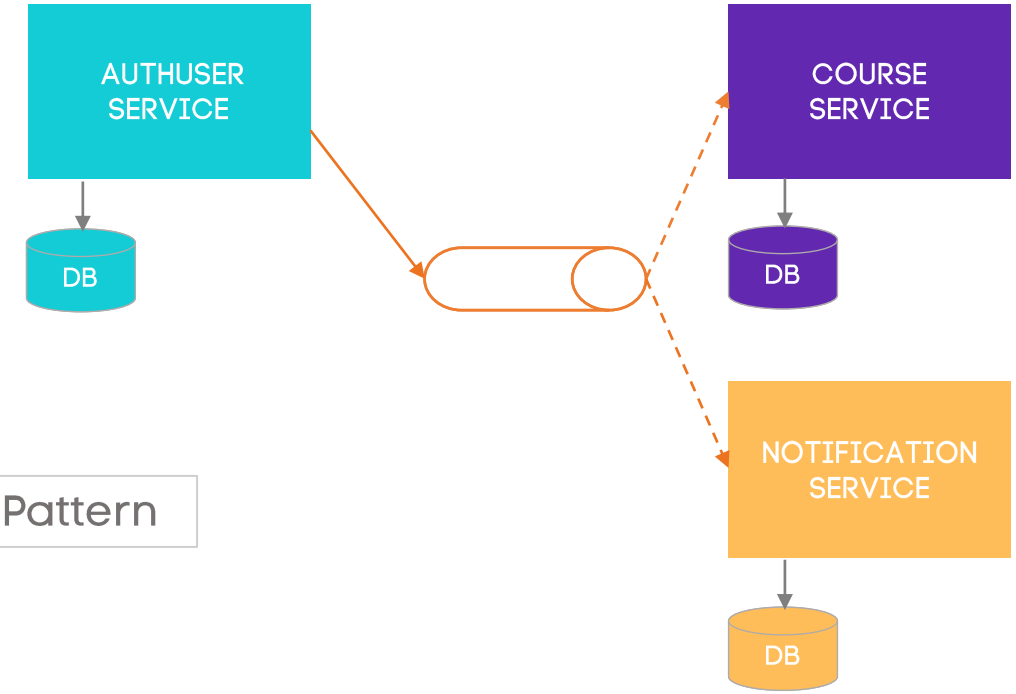


API RESTful

API Composition Pattern

Asynchronous Communication via Messaging or Events

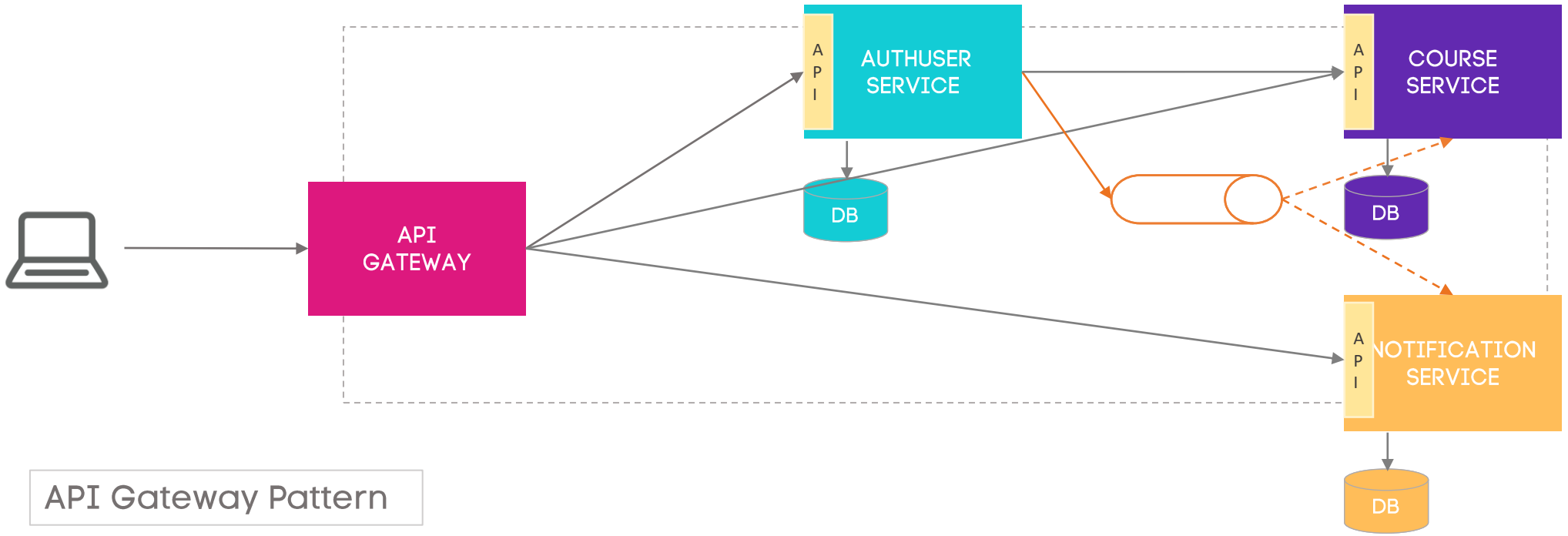
- Broker Pattern
- Mediator Pattern
- Event Notification Pattern
- Event Carried State Transfer Pattern
- Saga Pattern



Distributed Identifiers

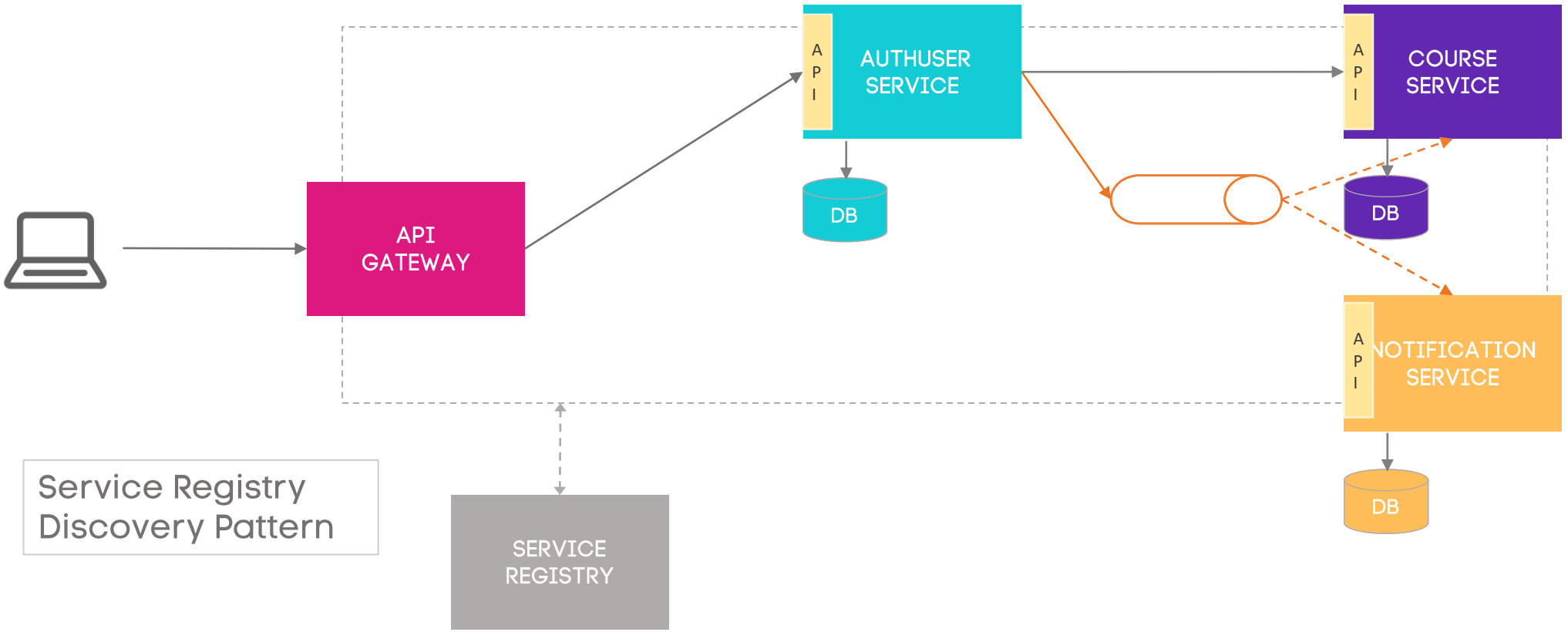
Cross Cutting Concerns

API Gateway

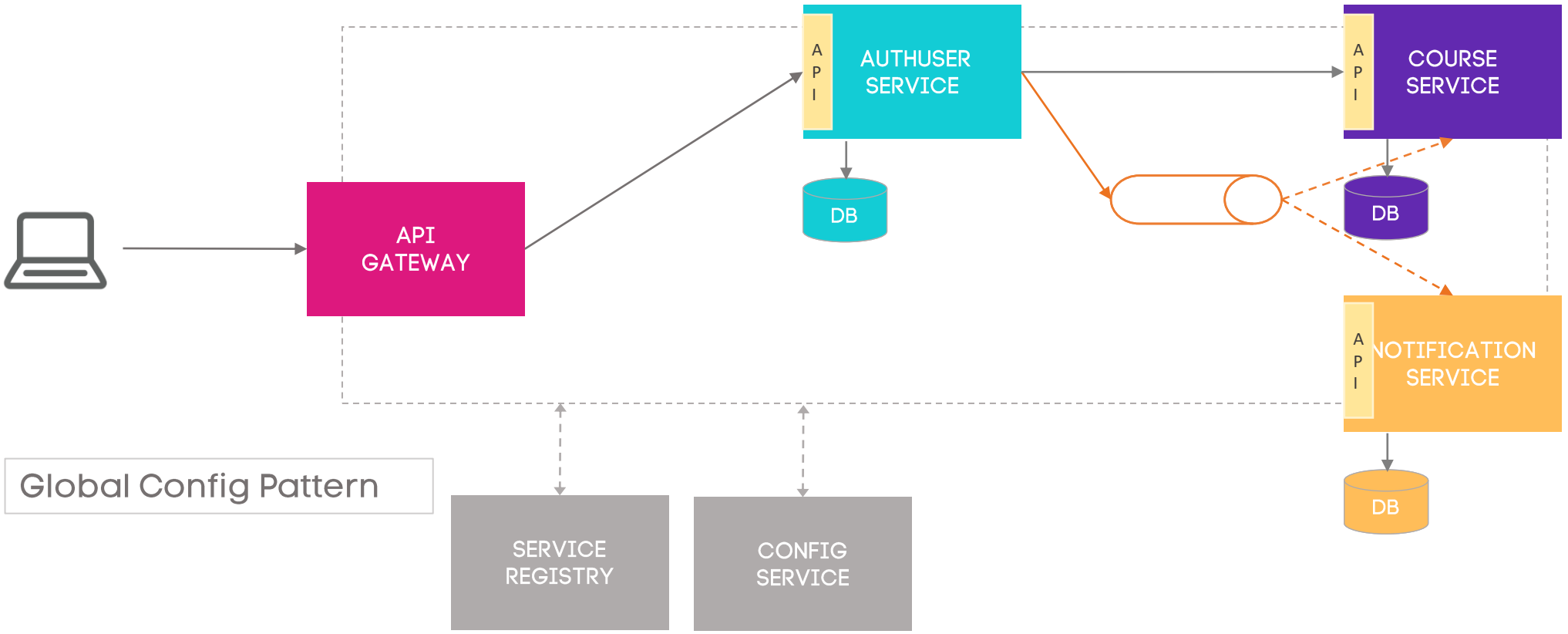


API Gateway Pattern

Service Registry Discovery

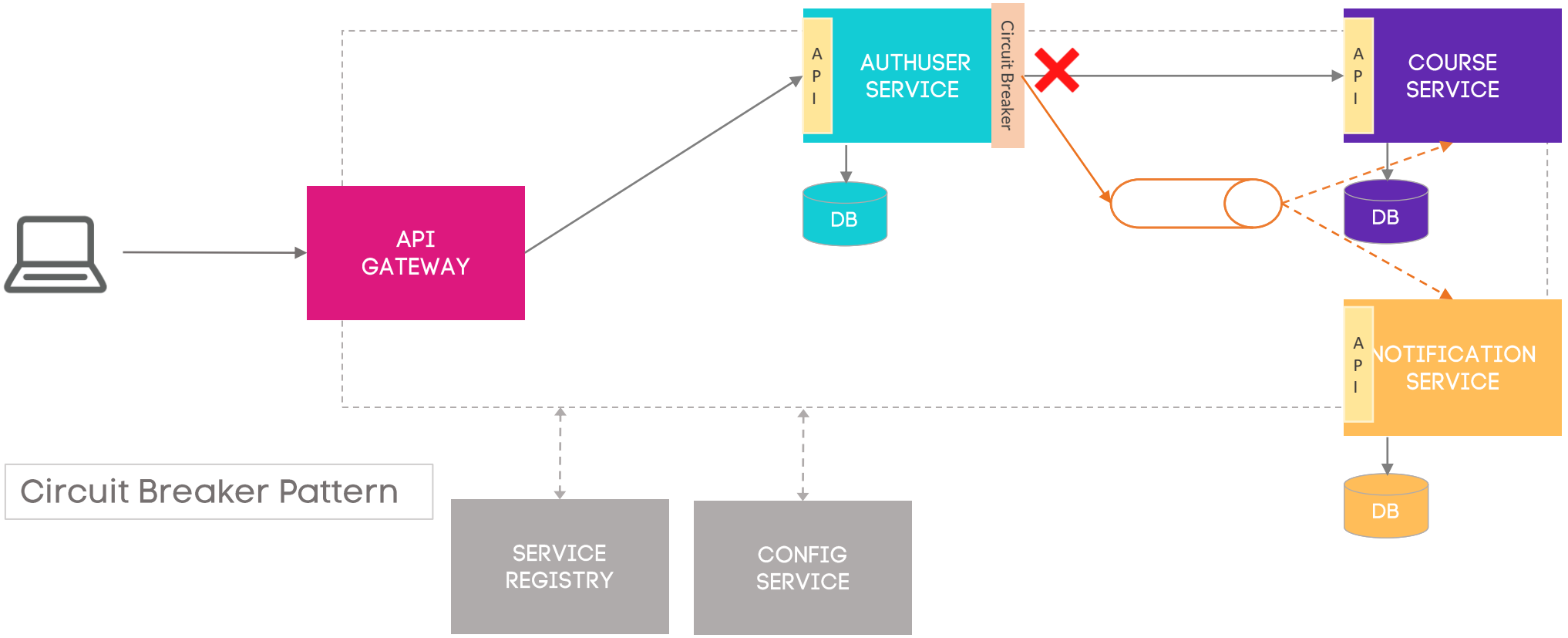


Global Config Management



Global Config Pattern

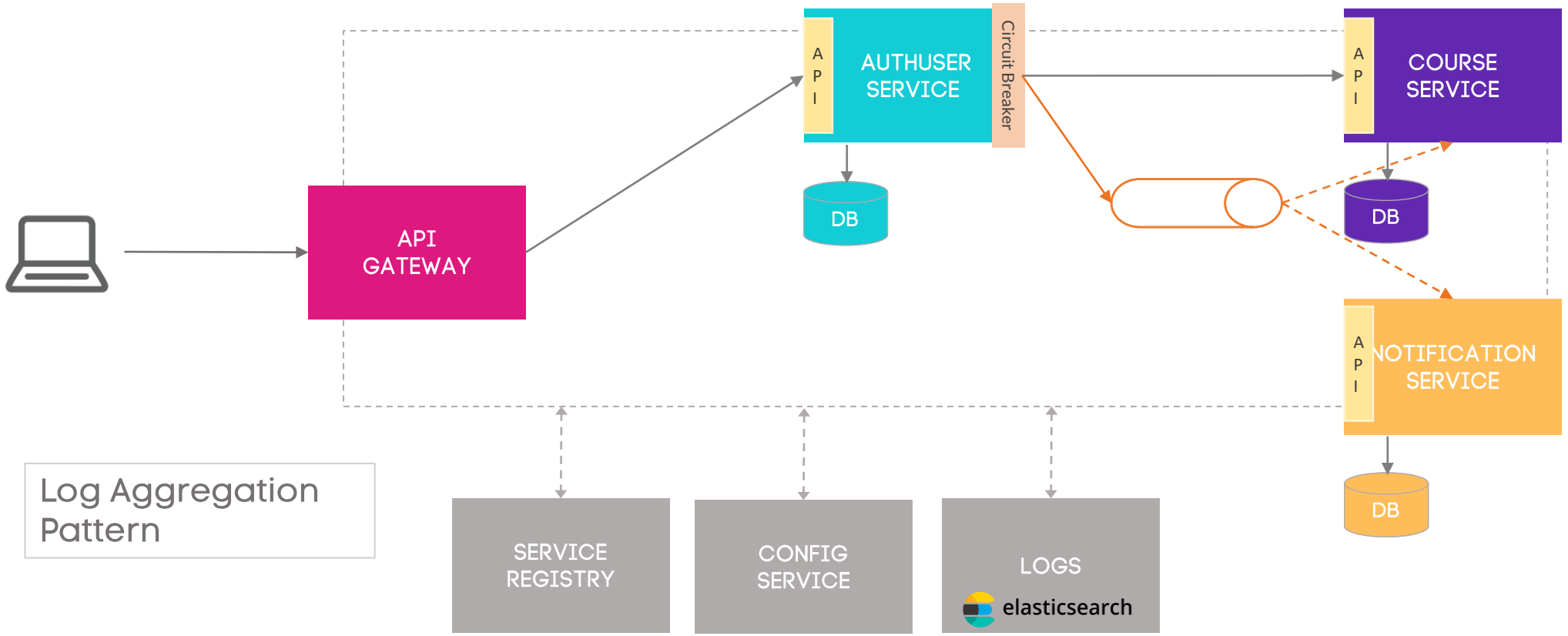
Circuit Breaker

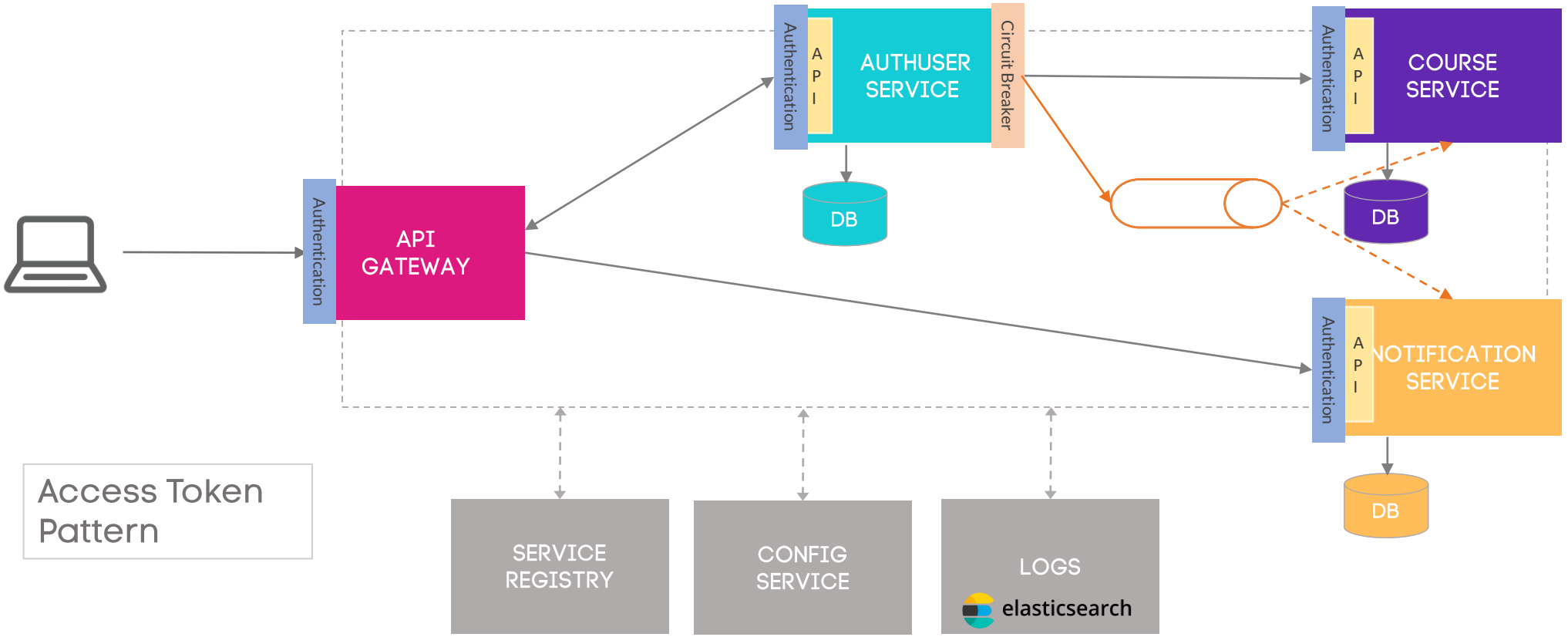


Circuit Breaker Pattern

Observability

Log Aggregation



Security

Authentication and Authorization