Dapr - A La Carte Ingredients for Any Cloud Native Cook

Distributed Application Runtime

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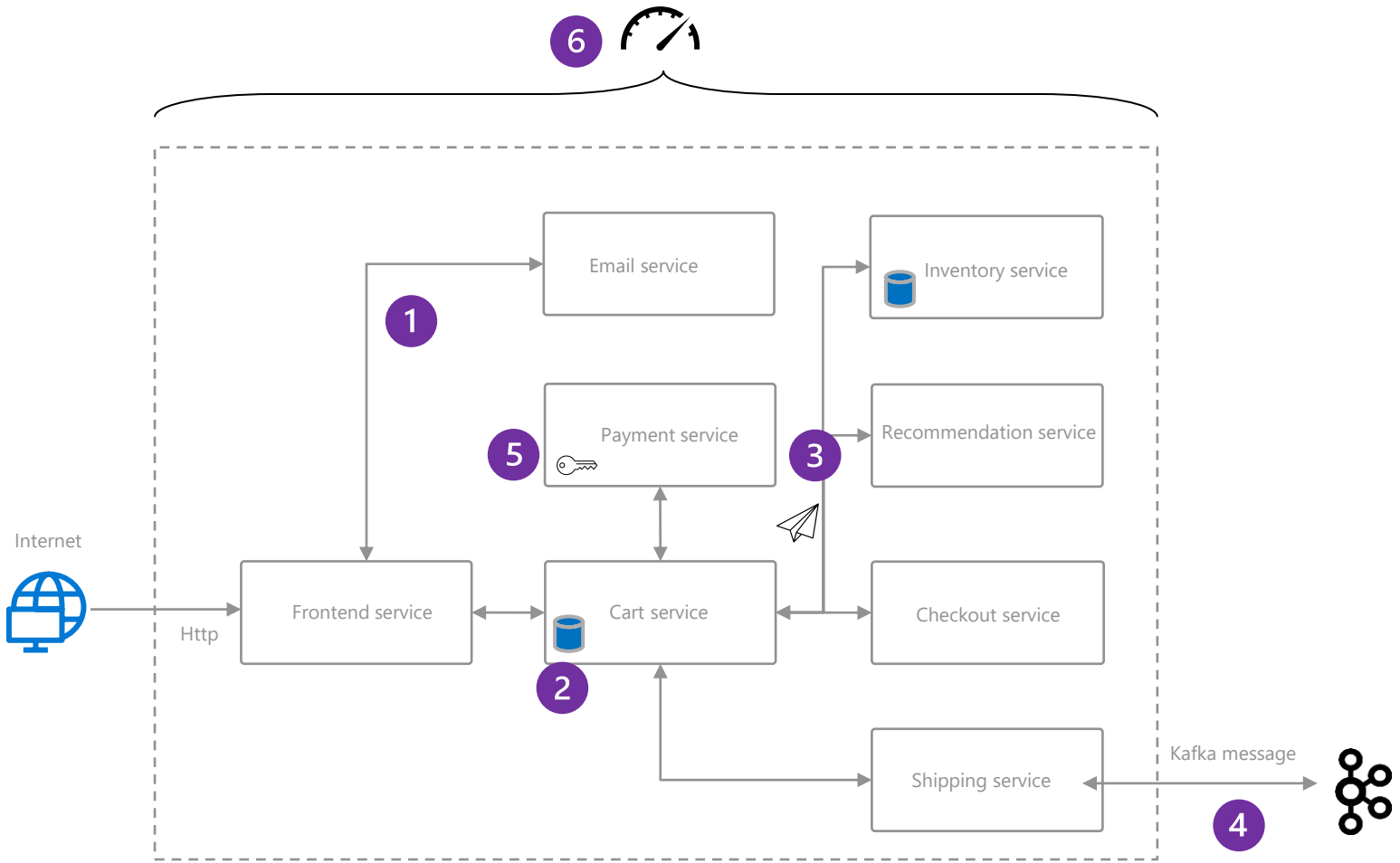
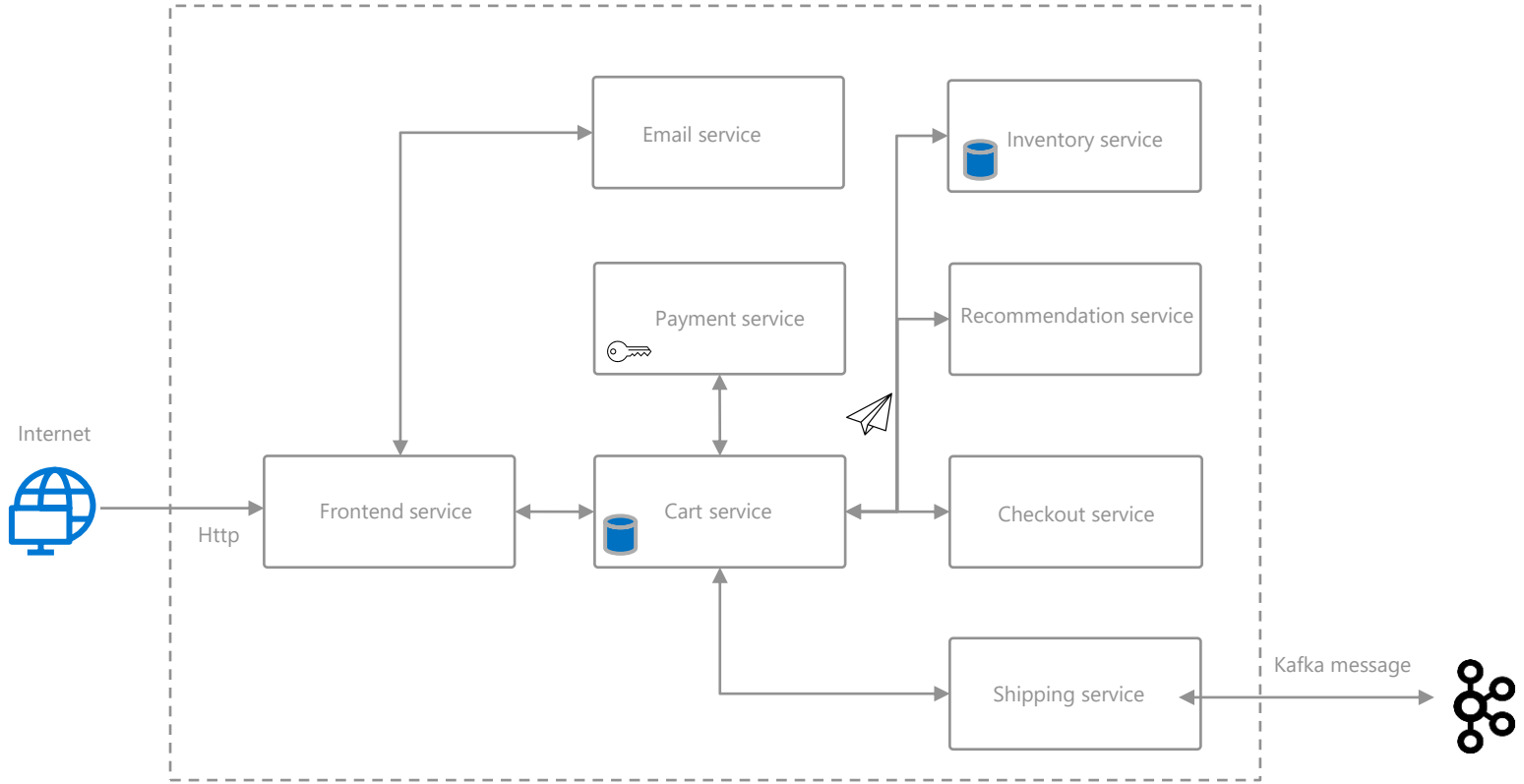
Distributed app development

1. Service discovery and invocation
2. Stateful services
3. Pub/sub messaging
4. Integration with external systems
5. Secret management
6. Observability



Additional considerations…

- Multi-cloud
- Language agnostic
- Use industry standards
- Security
- Other best practices…



Distributed Application Runtime

dapr.io | docs.dapr.io | blog.dapr.io

Portable, event-driven, runtime for building distributed applications across cloud and edge

Dapr Principles

Best-practices building blocks

Any language or framework

Consistent, portable, open APIs

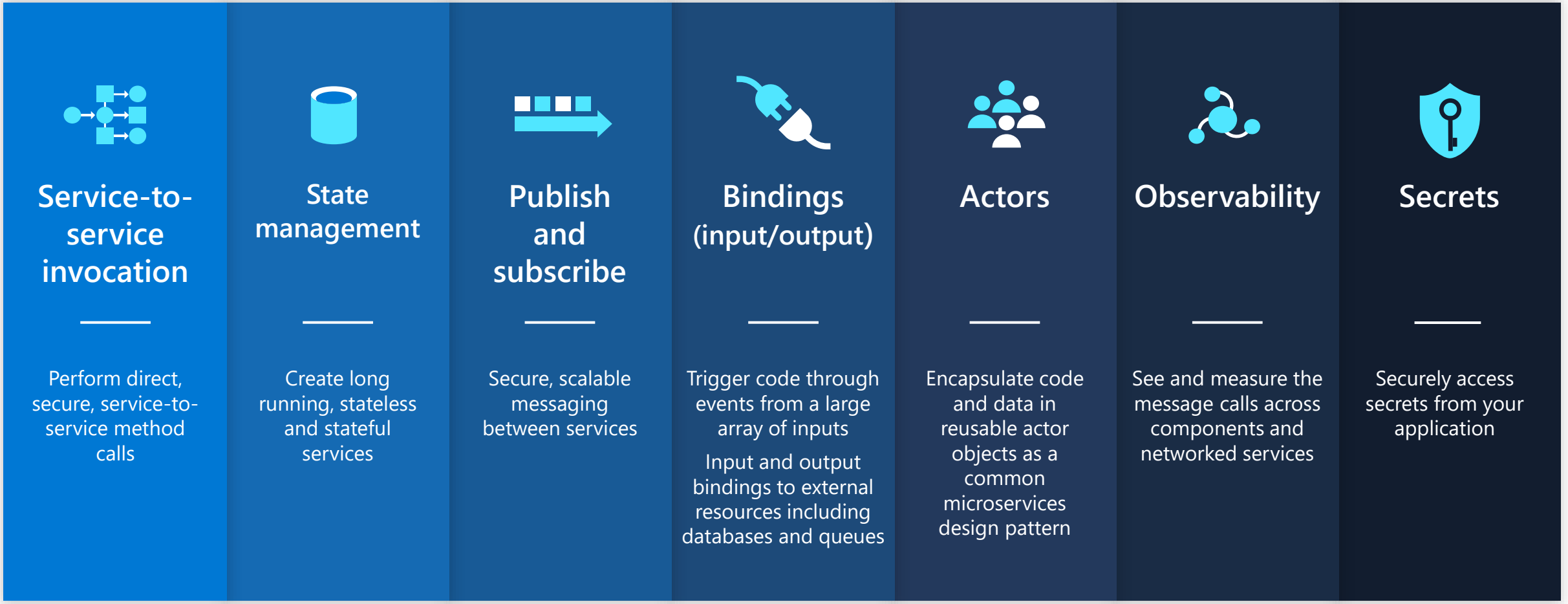
Adopt standards

Extensible and pluggable components

Platform agnostic cloud + edge

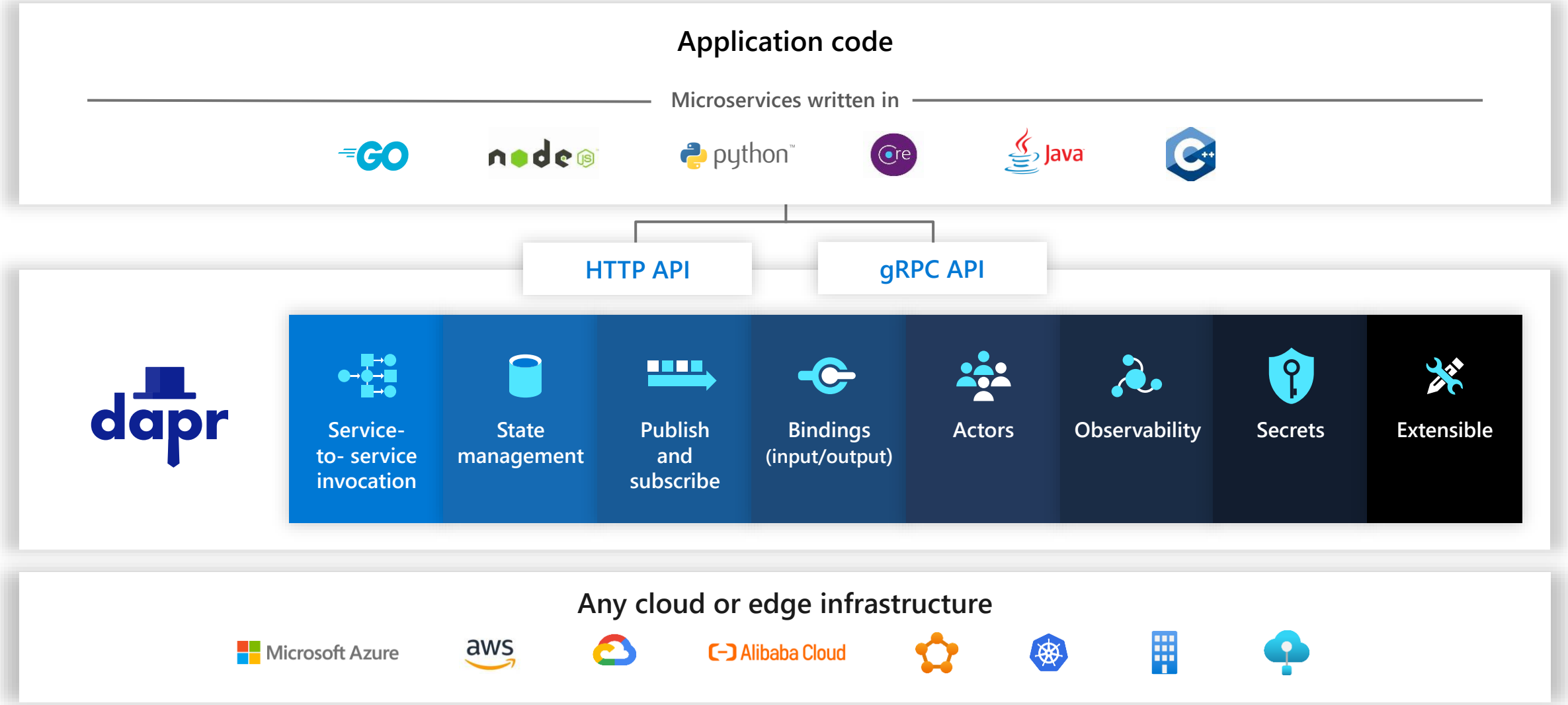
Community driven vendor neutral

Microservice building blocks

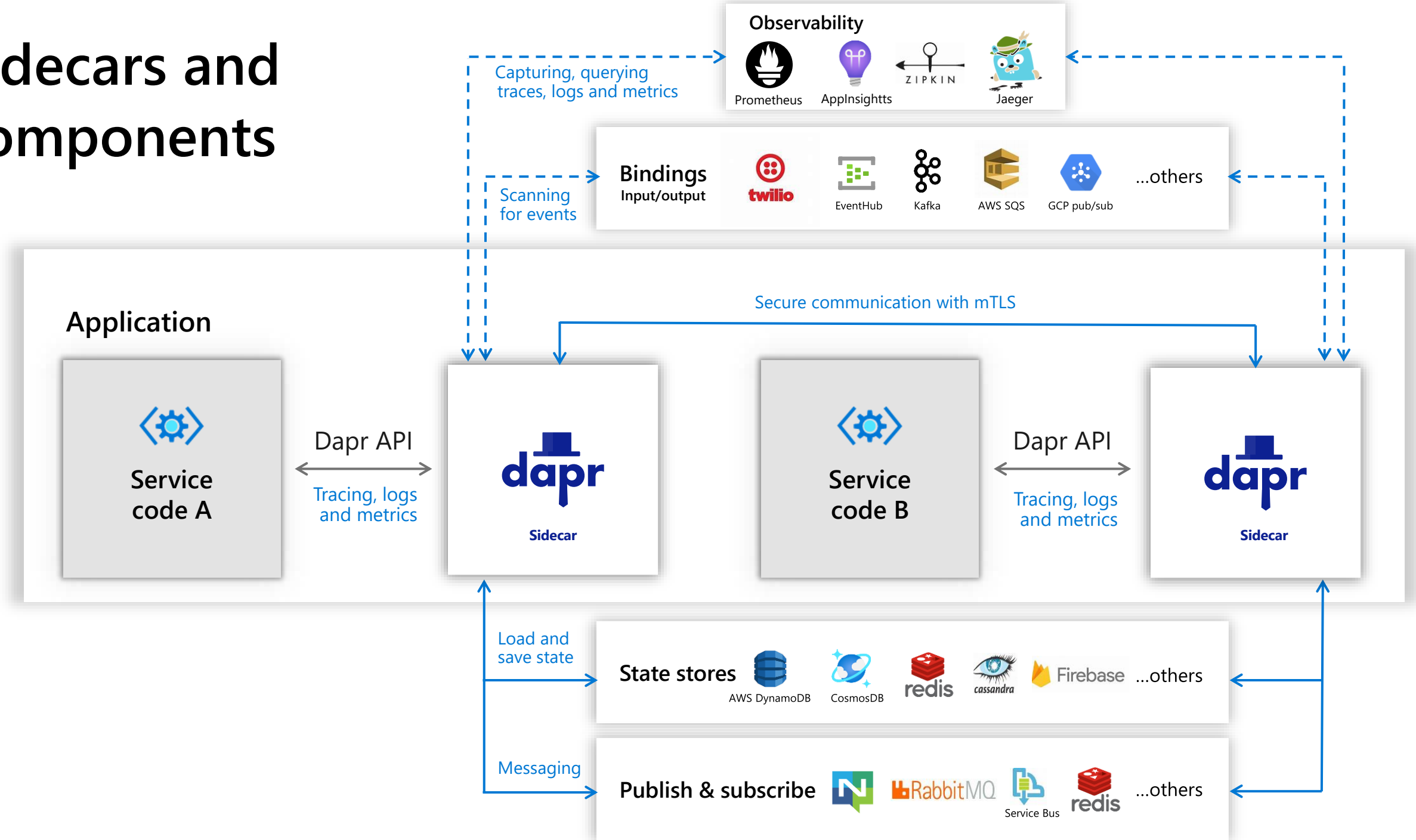


Dapr: Distributed Application Runtime

Build apps using any language with any framework

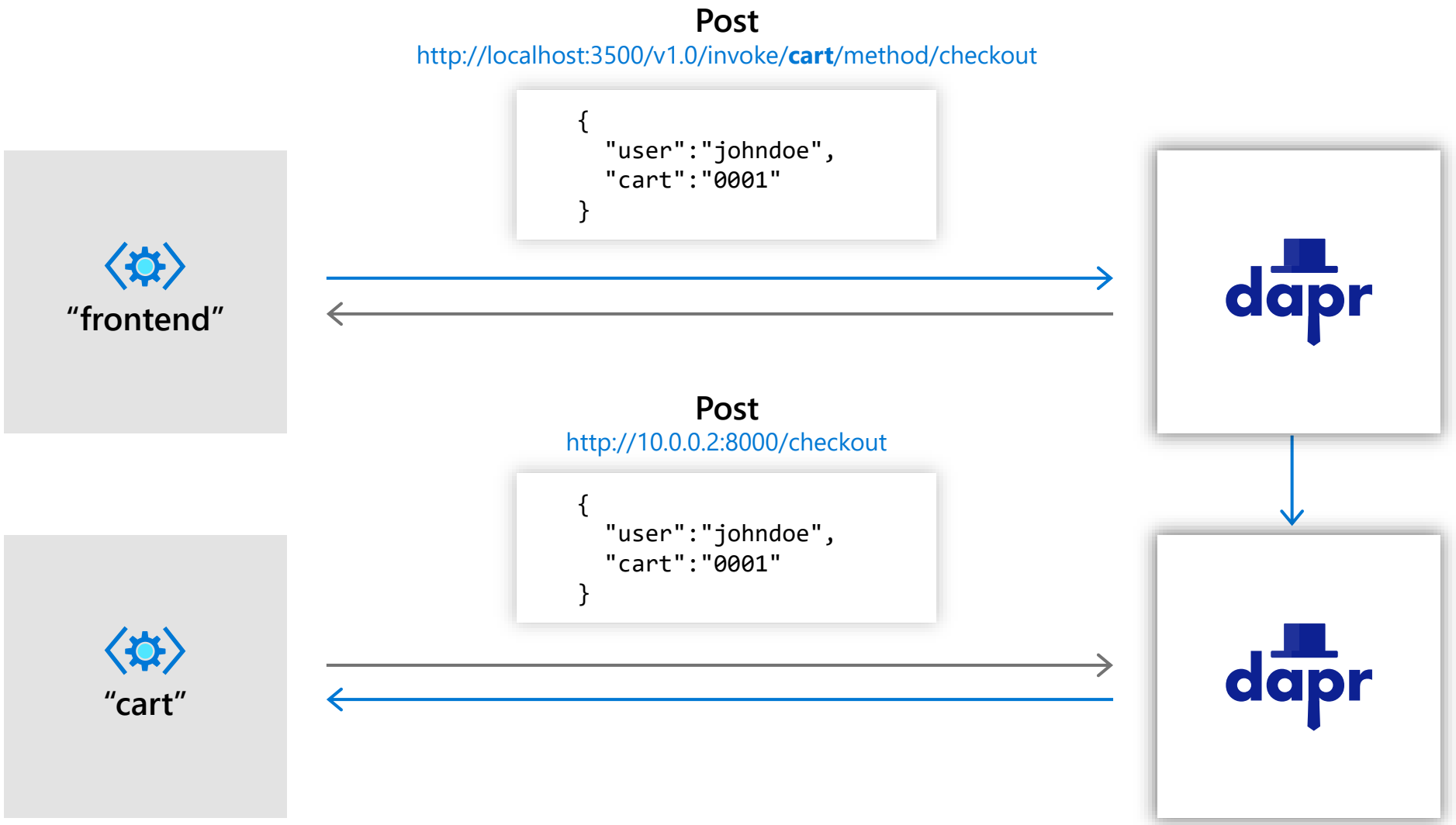


Sidecars and components



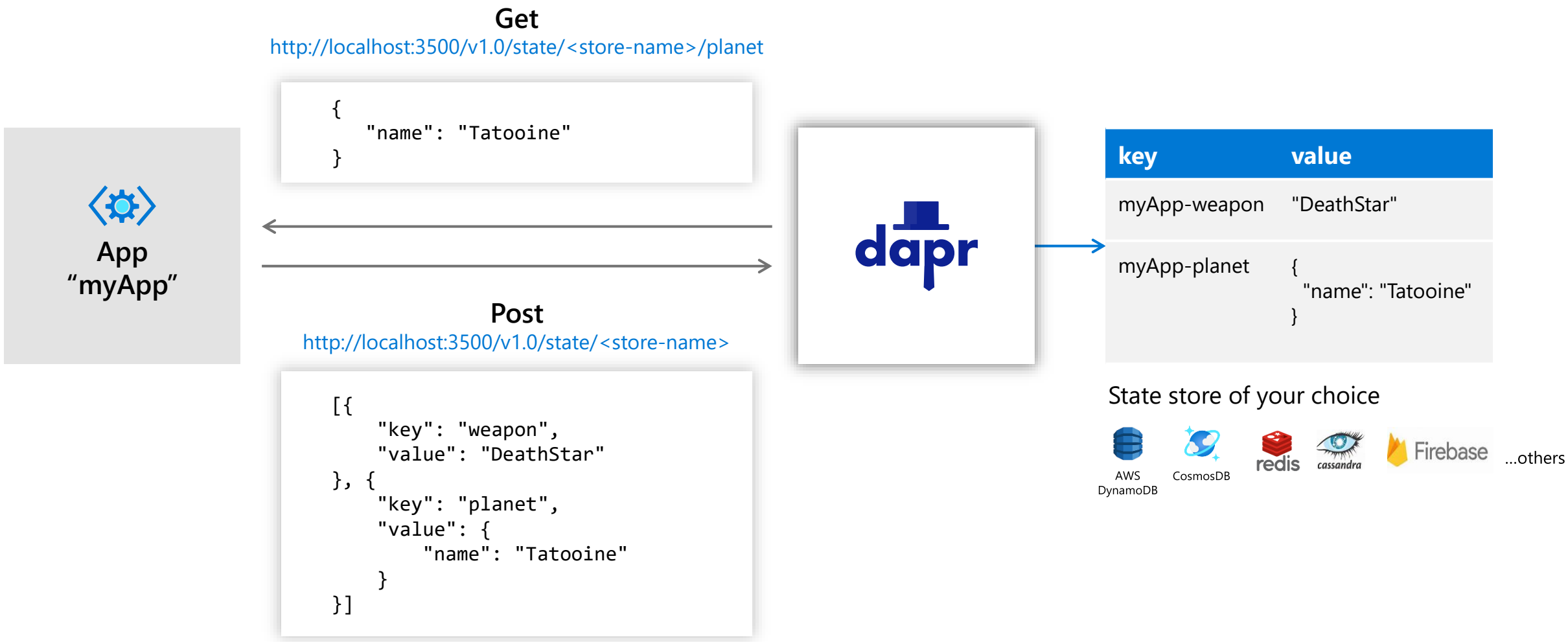
Microservice building blocks

Service invocation



Microservice building blocks

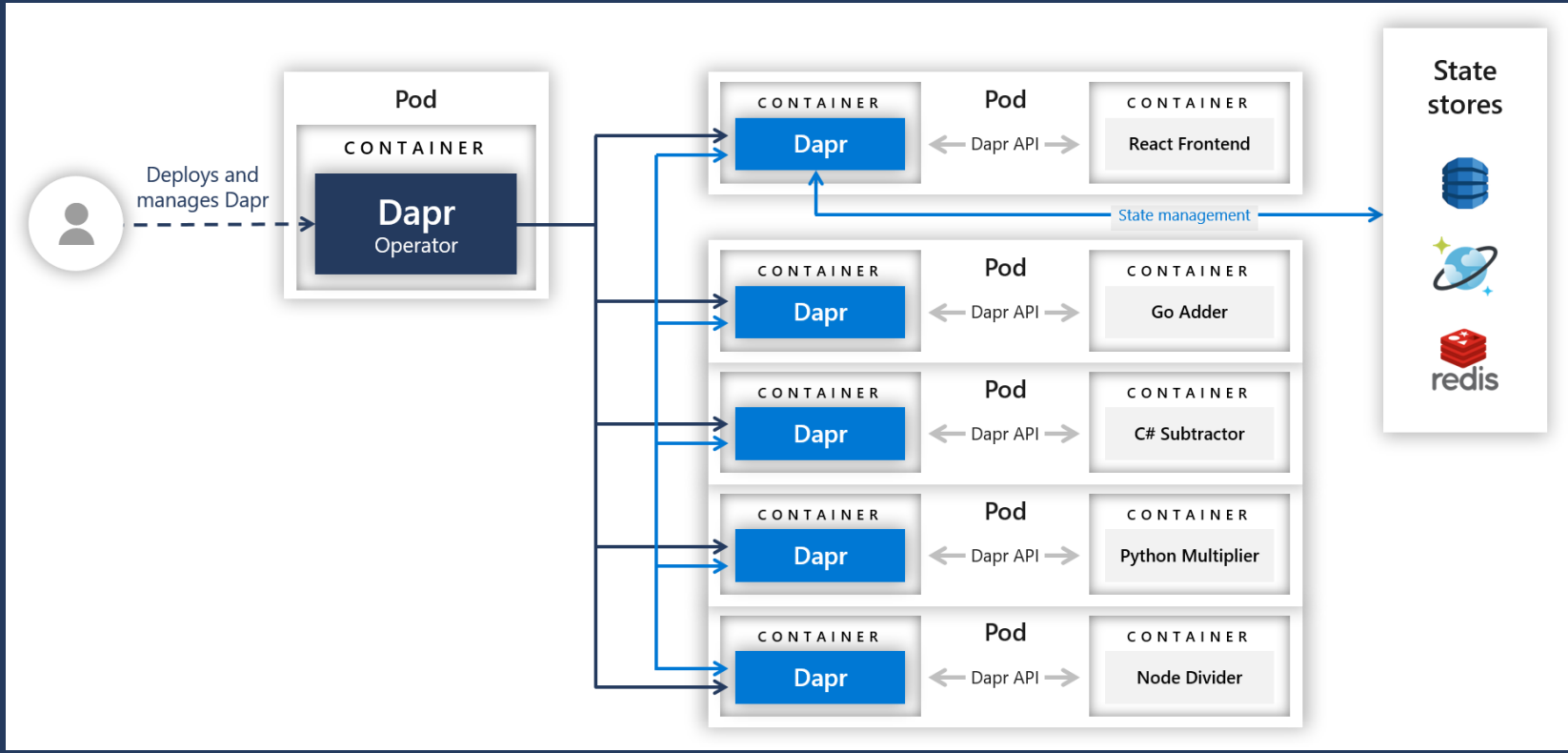
State management: key/value



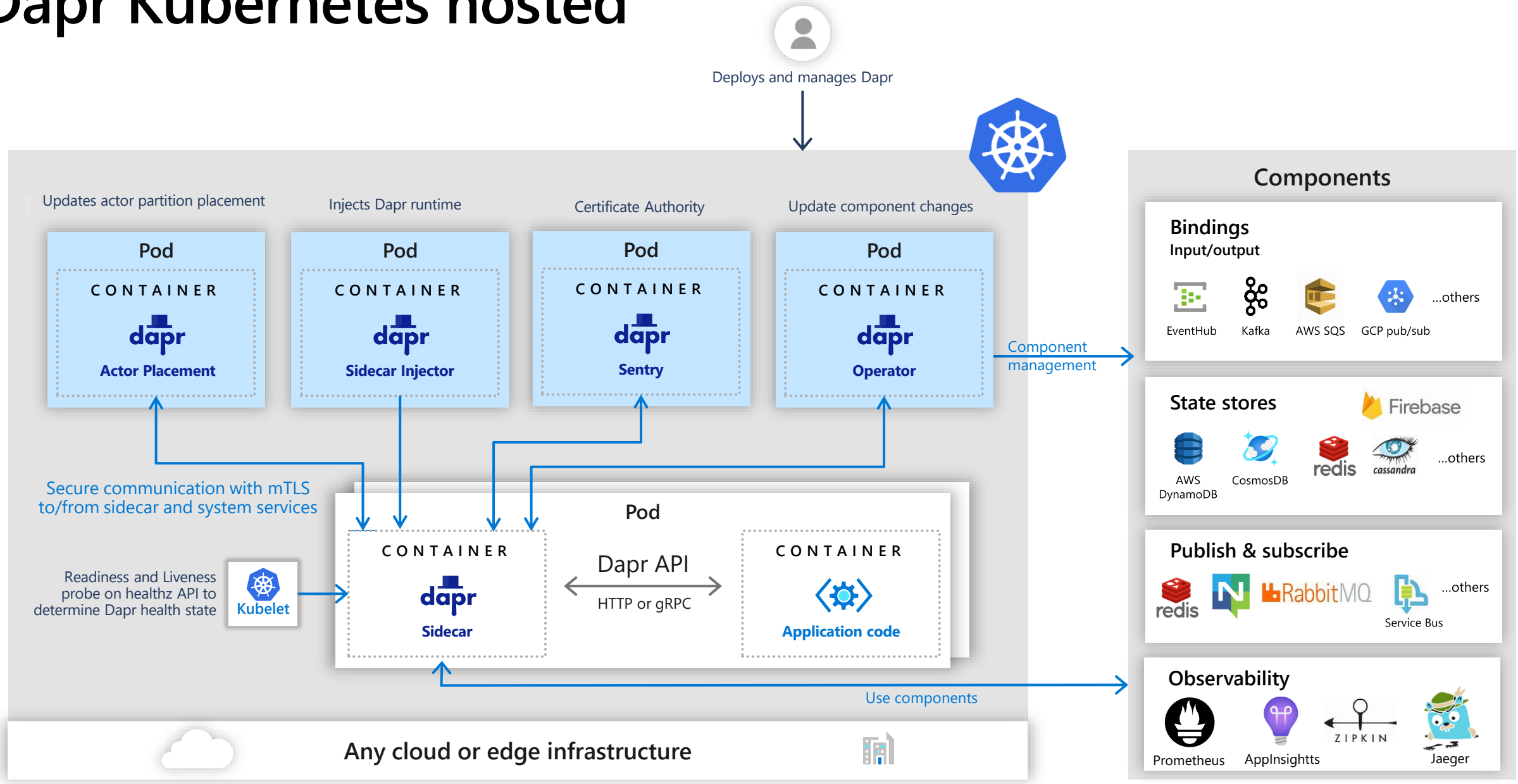
DEMO

Distributed calculator

https://github.com/dapr/quickstarts



Dapr Kubernetes hosted



v1.0-rc.1 now available!

https://aka.ms/dapr-v1.0-rc

dapr.io

docs.dapr.io

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github.com/dapr