Service Discovery - Learning Materials

Articles & Blogs

- Service Discovery in a Microservices Architecture - NGINX's comprehensive guide on discovery patterns
- Consul vs etcd vs ZooKeeper - HashiCorp's comparison of service discovery tools
- Netflix Eureka at Scale - Netflix's approach to service discovery

Videos

- Service Discovery Explained - ByteByteGo's visual explanation of discovery patterns
- Consul Service Mesh Deep Dive - HashiCorp's detailed walkthrough

Technical Documentation

- Consul Architecture - Official Consul architecture documentation
- Kubernetes Service Discovery - K8s native service discovery
- AWS Cloud Map - AWS managed service discovery

Key Concepts to Explore

- Service registry patterns (self-registration vs third-party)
- Health check strategies and failure detection
- DNS-based vs API-based discovery
- Service mesh integration (Istio, Linkerd)
- Multi-datacenter service discovery