

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