



# Impetus Certification: MicroServices Syllabus

# Syllabus

## 1) Microservice Patterns

- Microservices overview
- Difference between monolithic and Microservices.
- Architecture of Microservice.
- Microservice fault tolerance (Circuit Breaker Pattern)
- Configuration Management in Microservices.

## 2) Microservice Implementation using Spring Boot

- Spring boot basics (Implementation framework)
- Spring RestTemplate (Remote Procedure Invocation)
- Spring Eureka and Spring cloud Netflix.
- Service Discovery
- API Gateway.
- API Documentation (like Swagger, or any framework)
- Monitoring and Logging (using Actuator)

## 3) Microservice Deployment using Docker

- Deployment of microservices using Docker and docker compose.