Microservices Architecture

🕐 Duration: 2 Days
🗺️ Available Languages: German English

Audience

Software Developers and Software Architects.

Goals

Learn the benefits, drawbacks, and creation of Microservices Architectures.

Contents

- Evolution of Architecture
    # Monolithic Architecture
    # Distributed Architecture
    # n-Tier-Architecture
    # Service-Oriented Architecture
    # APIs
    # Microservices
- Evolution of IPC
    # Sockets
    # SunRPC
    # CORBA
    # Microsoft DCOM
    # Java RMI
    # IIOP
    # SOAP
    # REST
    # HATEOAS
- Microservices Architecture and Design
    # Domain Driven Design
    # Nested 3-Tier Architecture
    # Microservices Design Patterns
    # Persistence
    # Starting with Microservices vs Evolving a Monolith
- Microservices Security
    # Security Principles
    # Security Techniques
    # Access Tokens
    # OAuth 2.0
- Testing Microservices
    # Microservices Test Pyramid
    # Fake Integration Tests vs Real Integration Tests
    # Best Practices

Booking

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