

Cloud Computing Technologies (Fog & Edge Computing)

Duration: 5 hours

- **What is cloud computing?**
 - Overview
 - History of cloud computing
 - Type of Clouds
 - Cloud Service Models
 - Cloud Architecture
 - Cloud Clients
- **What is Fog Computing?**
- **What is Edge Computing?**
- **Fog VS. Edge Computing Overview**
- **Vendors Overview (Commercial & Open Sources)**
- **System Providers Overview**
- **Clients Overview**
- **Main Fog computing overview**
 - Hardware infrastructure
 - Software infrastructure
 - Operating Systems
 - Software, Automation, Frameworks
 - Deployment (Regions, zones)
 - Security
 - Management
 - Performance & Scalability
 - Monitoring

- **Main Edge computing overview**
 - Hardware infrastructure
 - Software infrastructure
 - Operating Systems
 - Software, Automation, Frameworks
 - Deployment (Regions, zones)
 - Security
 - Management
 - Performance & Scalability
 - Monitoring

- **Market Research Analytics**
 - Market Shares
 - Segments & Market leaders
 - Trends
 - Revenue & Growth
 - Pricing Models (Major Vendors)

- **Development Tools**
 - SDK
 - IDE tools
 - CLI

- **Summary**