

Developer Operations a.k.a. DevOps



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Developer Operations (DevOps)



- **Classes / Delivery**
 - Live YouTube stream; available on demand on DevOps Channel
 - **Thur. 12:15 -2:15**
 - Theory/Lecture
 - Lab Exercise ‘demo’
 - **Tue. 12:15 -2:15**
 - Lab Exercise/Assignment support via Slack
- **Assessment 100% CA**
 - 2 practical assignments 40% each
 - Written Assessment 20%

Module Outline



- Cloud Computing Concepts
- Amazon Web Services (AWS)
 - EC2
 - S3
 - VPC
- Python & boto API
- What is DevOps?
- AWS Auto Scaling & Load Balancing
- Containers
- Serverless
- Network Monitoring
- Automation
- Security