



**Virtuelt kursus**

**3 dage**

Nr. 87921 P

**DKK 17.499**

ekskl. moms

**Dato**

28-10-2020

02-12-2020

**Sted**

Virtuelt kursus

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## Virtual classroom: Systems Operations on AWS

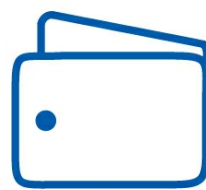
*Dette virtuelle kursus er for system administratorer og DevOps, der ønsker at skabe automatiserbare og gentagelige udrulninger af netværk og systemer på AWS platformen, samtidig bliver specifikke funktioner og værktøjer knyttet til AWS i forbindelse med konfiguration og udrulning gennemgået.*



Lær i dine egne  
omgivelser



Lær med kursister  
fra hele verden



Spar tid og udgifter  
på transport



Adgang til udvidet  
undervisningsmateriale

### Virtuelt kursus

Dette virtuelle kursus foregår på din egen computer live via GoToMeeting med en engelsktalende underviser. Under kurset har du mulighed for at stille spørgsmål, deltage i diskussioner, se whiteboard på din skærm og lave lab øvelser.

## System Administrators and DevOps' AWS toolbox

System Operations on AWS is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The course covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used throughout the industry for configuring and deploying systems.

### Prerequisites

We recommend that attendees of this course have the following prerequisites:

- Attended the AWS Essentials course
- Background in either software development or systems administration
- Some experience with maintaining operating systems at the command line (shell scripting in Linux environments, cmd or PowerShell in Windows)
- Basic knowledge of networking protocols (TCP/IP, HTTP)

### Target Audience

This course is intended for:

- System Administrators
- Software Developers, especially those in a Developer Operations (DevOps) role

### Content

- Use standard AWS infrastructure features such as Amazon Virtual Private Cloud (VPC), Amazon Elastic Compute Cloud (EC2), Elastic Load Balancing, and Auto Scaling from the command line
- Use AWS CloudFormation and other automation technologies to produce stacks of AWS resources that can be deployed in an automated, repeatable fashion
- Build functioning virtual private networks with Amazon VPC from the ground up using the AWS Management Console
- Deploy Amazon EC2 instances using command line calls and troubleshoot the most common problems with instances
- Monitor the health of Amazon EC2 instances and other AWS services
- Manage user identity, AWS permissions, and security in the cloud
- Manage resource consumption in an AWS account using tools such as Amazon CloudWatch, tagging, and Trusted Advisor
- Select and implement the best strategy for creating reusable Amazon EC2 instances
- Configure a set of Amazon EC2 instances that launch behind a load balancer, with the system scaling up and down in response to demand
- Edit and troubleshoot a basic AWS CloudFormation stack definition

The course content is distributed over 3 days as following:

#### Day 1

- System Operations on AWS Overview
- Networking in the Cloud
- Computing in the Cloud

#### Day 2

- Storage and Archiving in the Cloud
- Monitoring in the Cloud
- Managing Resource Consumption in the Cloud

### Day 3

- Configuration Management in the Cloud
- Creating Scalable Deployments in the Cloud
- Creating Automated and Repeatable Deployments

[Læs mere om vores virtuelle kurser og se svar på dine spørgsmål \(FAQ\).](#)

### Søgte du et andet virtuelt kursus?

Vi tilbyder virtuelle kurser inden for mange forskellige områder. Kontakt os på tlf. 72203000 eller [kurser@teknologisk.dk](mailto:kurser@teknologisk.dk), så vi kan hjælpe med at imødekomme dit behov.

### Har du faglige spørgsmål så kontakt



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