Well-Architected Best Practices

Kód kurzu: AWSFWABP

The Well-Architected Framework enables you to make informed decisions about your customers architectures in a cloud-native way and understand the impact of design decisions that are made. By using the Well-Architected Framework, you will understand the risks in your architecture and ways to mitigate them. This course is designed to provide a deep dive into the AWS Well-Architected Framework and its 5 pillars. This course also covers the Well-Architected Review process, and using the AWS Well-Architected Tool to complete reviews.

Pro koho je kurz určen

Technical professionals involved in architecting, building, and operating AWS solutions.

Co Vás naučíme

- Identify the Well-Architected Framework features, design principles, design pillars, and common uses
- Apply the design principles, key services, and best practices for each pillar of the Well-Architected Framework
- Use the Well-Architected Tool to conduct Well-Architected Reviews

Požadované vstupní znalosti

- Knowledge of core AWS services (Course: AWS Cloud Practitioner Essentials classroom or digital training)
- Knowledge of AWS management interfaces (Course: AWS Technical Essentials classroom or digital training)
- Knowledge of core AWS design and architecture (Course: Architecting on AWS)

Studijní materiály

Studijní materiál AWS.

Osnova kurzu

Module 1: Well-Architected Introduction

- History of Well-Architected
- Goals of Well-Architected
- What is the AWS Well-Architected Framework?
- The AWS Well-Architected Tool

Module 2: Design Principles

- Operational Excellence
- Lab 1: Operational Excellence
- Reliability
- Lab 2: Reliability
- Security
- Lab 3: Security
- Performance Efficiency
- Lab 4: Performance Efficiency
- Cost Optimization
- Lab 5: Cost Optimization

GOPAS Praha
Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk

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