

# Well-Architected Best Practices

Course code: 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.

Affiliate	Duration	Course price	ITB
Praha	1	390 €	0
Bratislava	1	390 €	0

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
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## Who is the course for

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

## What we teach you

- 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

## Required skills

- 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)

## Course outline

### 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

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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