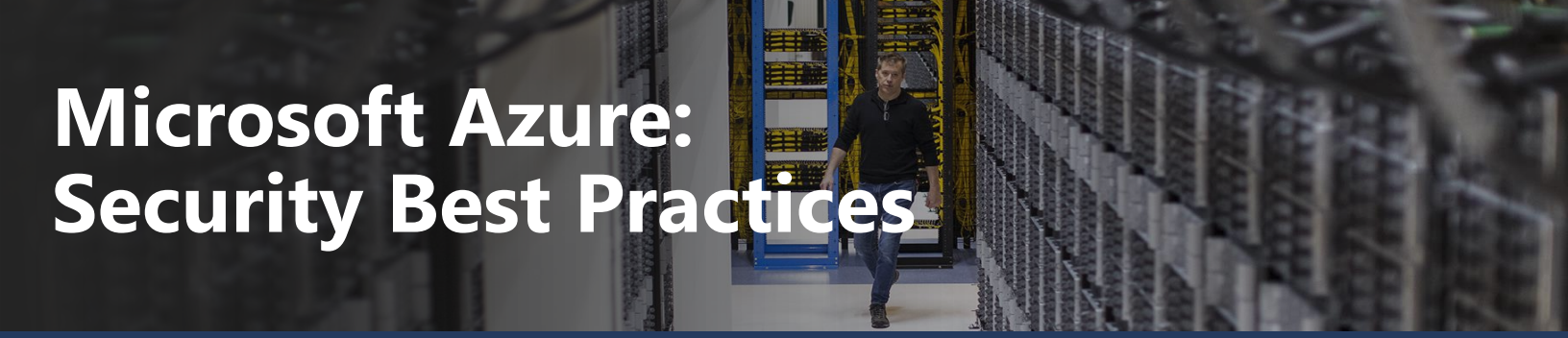

Microsoft Azure: Security Best Practices

WorkshopPLUS

Duration: 3 Days [Remote / Onsite]
Difficulty Level: 300 - Advanced

Description

This offering will provide you with knowledge and experience of Microsoft Azure key security concepts that apply for both on-premises and Cloud environments.

You will gain a broad architectural and operational view of the available security features and products. Implement those features through lab exercises while learning about the process involved for selecting and implementing available security services in the Azure platform.

Objectives

- Learn about the key security concepts of Azure and how to implement them.
- Learn the foundational core principles of security and expand upon them by implementing them in Azure.
- Learn about key governance capabilities within Azure.

Outcomes

- Acquire broad knowledge about key Azure security features that will help you select the best technologies to help secure your environment.
- Implement strategies to aid in detecting threats as they emerge within your environment.
- Receive recommendations and guidance on how to apply the knowledge you acquire to resolve real threats/vulnerabilities in your environment.
- Material relevant to prepare for Microsoft Certifications:
  - Microsoft Cybersecurity Architect (SC-100),
  - Microsoft Security Operations Analyst (SC-200),
  - Microsoft Azure Administrator (AZ-103/104),
  - Azure Solutions Architect (AZ-303/AZ-304)
  - Azure Security Engineer (AZ-500),
  - Microsoft Security, Compliance and Identity Fundamentals (SC-900),

Methodology

Learn by example

You will work directly with a Microsoft engineer on how to set up and configure security services and understand how to deploy those features of Azure.

Hands-on exercises

You will participate in lab exercises to apply the concepts you learn.

Scope

The scope of this offering includes Knowledge Transfer of Azure Security features as well as practical lab exercises that give hands on experience.

Agenda

Days 1-3

- Knowledge transfer
- Practical Lab exercises
- Q&A

Microsoft

Delivery Outline

Requirements	
Participants ▪ Cloud & Azure professionals, security personnel, Active Directory & Server administrators, Application Developers **Skill requirements** ▪ Familiarity with Microsoft infrastructure components (e.g., Active Directory, Windows Server/Client, Networking) ▪ Familiarity with Azure services, portals and concepts of Tenant, Subscription, and Resource Groups.	**Delivery Requirements** ▪ Azure subscription will be provided for the labs and is required to enable Microsoft Defender for Cloud ▪ Internet access to utilize the lab training environment **Time commitment** ▪ Three full-day engagement with relevant roles

Knowledge Transfer and Implementation		
Day 1	Knowledge Transfer, Practical Labs	▪ Azure Security Foundation, Governance, Identity Protection, Practical Labs
Day 2	Knowledge Transfer, Practical Labs	▪ Network Security, Storage Security, Virtual Machines Security, Data Protection, Practical Labs
Day 3	Knowledge Transfer, Practical Labs	▪ Data Protection cont., PaaS Security, Security Operations, Practical Labs

For more information: Please contact your Microsoft Representative for more details.