

AZ-140 *Guten Morgen!*

Configuring and Operating Azure Virtual Desktop

AVD



Berlin Physik → Heidelberg

SAP

Eliza

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brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999 ←

PowerShell Bicep Lang 2013 Azure

Copilot

github.com/www42/az-140



About this course

AZ-140 AVD

Purpose – Azure Virtual Desktop Admins

- Subject matter expertise in designing cloud and hybrid solutions for Azure Virtual Desktop
- Expertise includes compute, networking, storage, application services, data solutions, monitoring and security.

Prerequisites

- Working knowledge of networking technologies including connectivity services, application delivery services, and network architectures.
- Working knowledge of storage technologies including relational and non-relational data solutions.
- Working knowledge of compute technologies including virtual machines, containers, and PaaS compute solutions. .
- Experience architecting solutions including security, migration, and business continuity.
- Azure

AZ-140 Agenda

Learning Path 1

1. Azure Virtual Desktop Architecture
2. Design the Azure Virtual Desktop architecture
3. Design for user identities and profiles

AD Entra ID Tenant

Learning Path 2

4. Implement and manage networking for AVD
5. Implement and manage storage for AVD
6. Create and configure host pools and session hosts for AVD
7. Create and manage session host image for AVD

vNet

Learning Path 3

8. Manage access for AVD
9. Manage security for AVD

CA
Cond Access

Learning Path 4

10. Implement and manage FSLogix
11. Configure user experience settings
12. Install and configure apps on a session host

Learning Path 5

13. Monitor and manage performance and health
14. Plan and implement updates, backups, and disaster recovery

Let's get to know each other

- Your name
- Company affiliation
- Title/function
- Your experience
- Your expectations for the course



Let's have a great time together

We all contribute to a great class



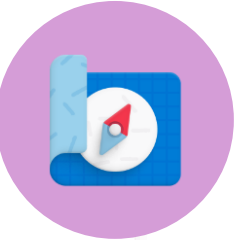
- Be on time (class hours)
- Be present (avoid mail, calls, side meetings)

• NLP
• Chat

github.com/www42/a7-140

$$\begin{array}{l} 9^{00} - 17^{00} \\ \boxed{12^{30} - 13^{30}} \\ \sim 10^{30} - 10^{45} \\ \sim 15^{15} - 15^{20} \end{array}$$

What you should know about our facilities



- Accommodations
- Internet access
- Parking
- Restrooms
- Emergency

Heidelberg

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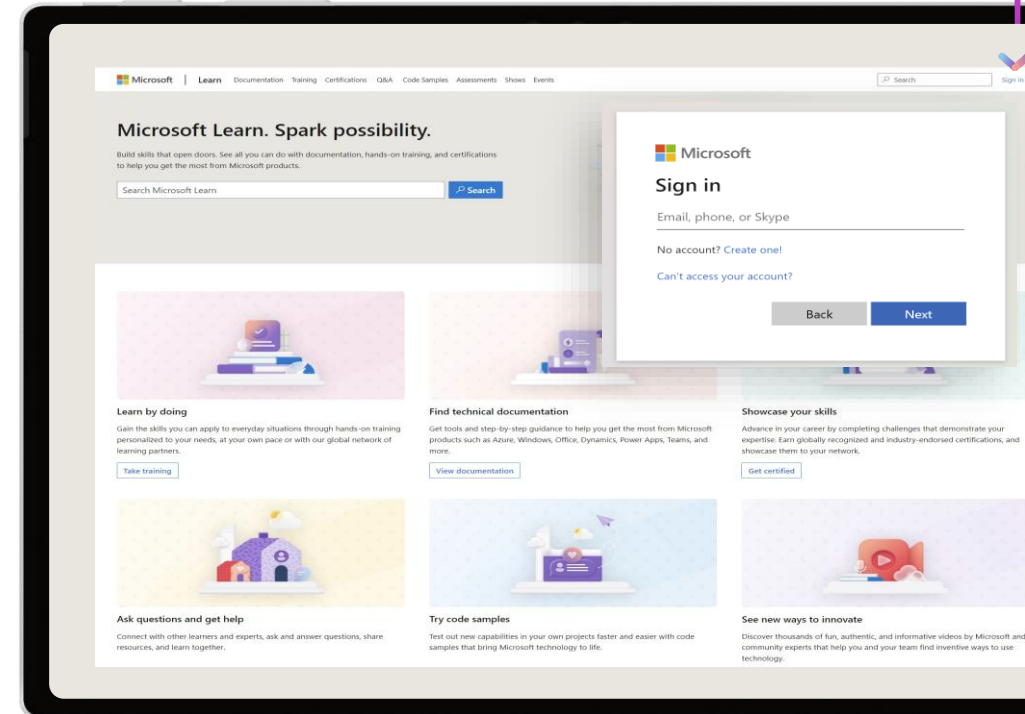
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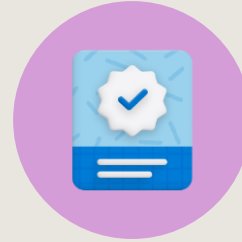
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¹ "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 ² Microsoft fundamentals certifications don't expire

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Certifications give you a professional edge by providing globally recognized industry endorsed evidence of skills mastery, demonstrating your abilities and willingness to embrace new technologies



Exam AZ-900: Microsoft Azure Fundamentals

Designed for candidates looking to demonstrate foundational level knowledge of cloud services and how those services are provided



AZ-104

Microsoft Certified: Azure Administrator Associate

Designed for Azure Administrators who implement, monitor, and maintain compute, storage, network, and security

AZ-305
**
Expert



AZ-140

Microsoft Certified: Azure Virtual Desktop Specialty

Designed for Azure Virtual Desktop administrators who create solutions for compute, network, storage, and security

MS Learn

Labs
Step-by-Step

skillable

LODS

SOLUTIONS

LEA

Contact

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Get the most out of your training

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Register with Training Key

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Content Directory

Hyperlinks to each of the lab exercises and demos are listed below.

Labs (Entra ID)

Module	Lab
Module 1.4: Implement host pools and session hosts	Lab: <u>Deploy host pools and session hosts</u> by using the Azure portal (Entra ID)
Module 3.2: Plan and implement user experience and client settings	Lab: <u>Manage host pools and session hosts</u> by using the Azure portal (Entra ID)
Module 4.1: Monitor and manage Azure Virtual Desktop services	Lab: <u>Implement monitoring</u> by using Azure Virtual Desktop <u>Insights</u>
Module 3.2: Plan and implement user experience and client settings	Lab: <u>Connect to session hosts</u> (Entra ID)
Module 4.1: Monitor and manage Azure Virtual Desktop services	Lab: <u>Implement autoscaling</u> of session hosts
Module 1.1: Plan, implement, and manage networking for Azure Virtual Desktop	Lab: <u>Implement Azure Private Link</u> for Azure Virtual Desktop
Module 1.5: Create and manage session host images	Lab: <u>Create custom session host images</u> by using image templates

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Lab 1

Lab 2

End of presentation

