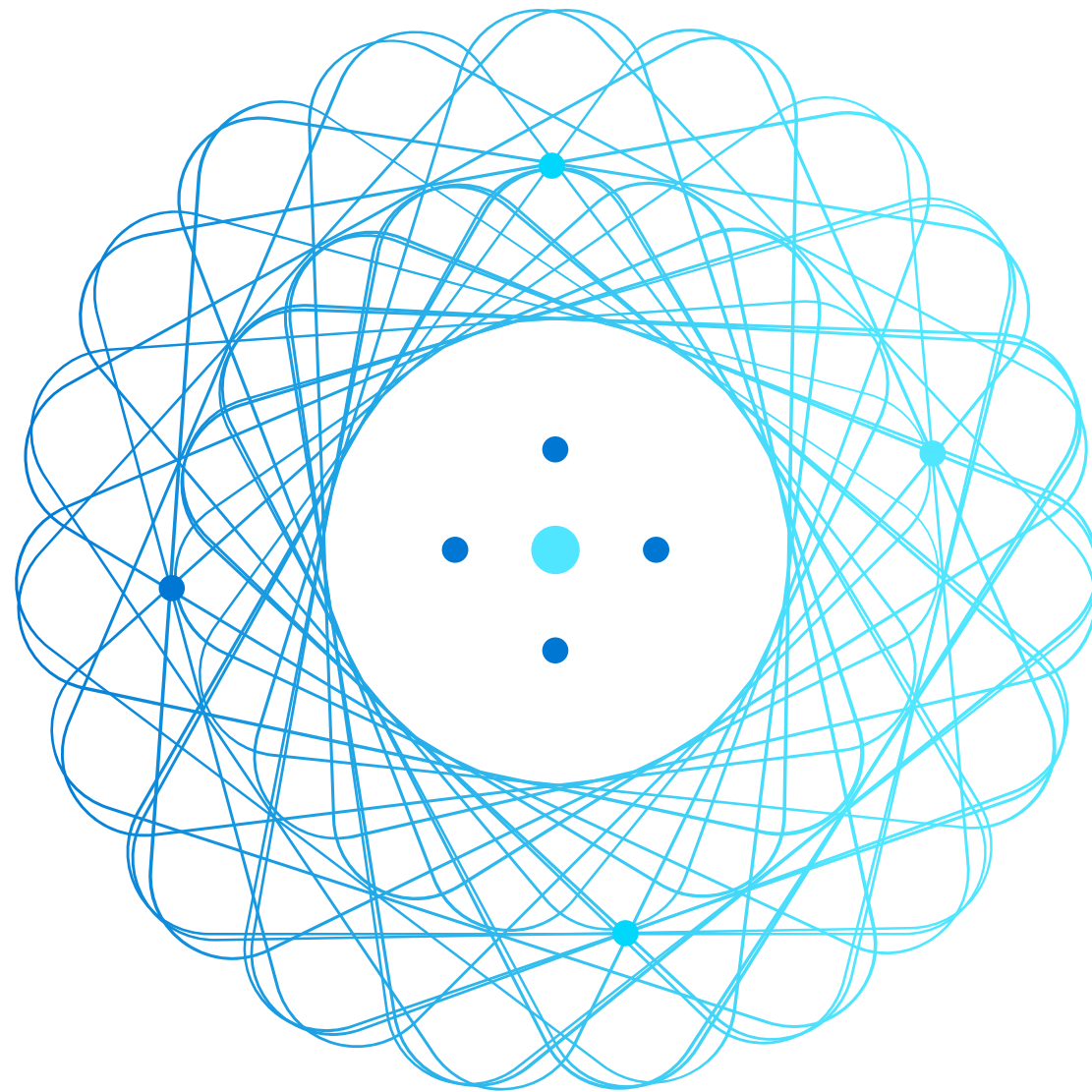


AZ-140 Guten Morgen!

Configuring and Operating Azure Virtual Desktop



Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure
Microsoft Certified Trainer since 1999

github.com/www42/az-140

Physi.

NT 4.0
AD

Heidelberg

DevOps



Azure Virtual Desktop administrators

Azure Virtual Desktop administrators have subject matter expertise in designing cloud and hybrid solutions that include compute, networking, storage, application services, data solutions, monitoring and security.

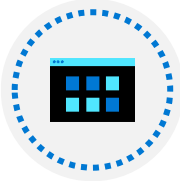


Working knowledge of networking technologies including connectivity services, application delivery services, and network architectures.



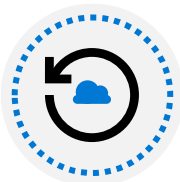
Working knowledge of compute technologies including virtual machines, containers, and PaaS compute solutions.

A . e



Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.

TS RDS



Understanding of resilience and disaster recovery, including backup and restore operations..

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

Lab

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

Learning Path 3

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

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. Plan for disaster recovery
14. Automate Azure Virtual Desktop management tasks
15. Monitor and manage performance and health

Hello! Student Introductions

Your name

Company affiliation

Title/function

Microsoft Azure experience

Your expectations for the course



HELLO

Microsoft Certifications

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



Microsoft Certified: Azure Administrator Associate

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



AZ-140

Microsoft Certified: Azure Virtual Desktop Specialty

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



Exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop

Candidates for this exam are Azure administrators with subject matter expertise in planning, delivering, and managing virtual desktop experiences and remote apps, for any device, on Azure.

Candidates for this exam should have experience in Azure technologies, including virtualization, networking, identity, storage, backups, resilience, and disaster recovery. They should understand on-premises virtual desktop infrastructure technologies as they relate to migrating to Windows Virtual Desktop. These professionals use the Azure portal and Azure Resource Manager (ARM) templates to accomplish many of their tasks. They might use PowerShell and Azure Command-Line Interface (CLI) for more efficient automation.

Candidates for this exam must have expert Azure administration skills.

Part of the requirements for: [Microsoft Certified: Windows Virtual Desktop Specialty](#)

Related exams: none

Important: [See details](#)

[Go to Certification Dashboard](#) ↗

Schedule exam

Exam AZ-140: Configuring and Operating Microsoft Azure

Virtual Desktop

Languages: English

Retirement date: none

This exam measures your ability to accomplish the following technical tasks: plan a Windows Virtual Desktop architecture; implement a Windows Virtual Desktop infrastructure; manage access and security; manage user environments and apps; and monitor and maintain a Windows Virtual Desktop infrastructure.

United States ▼

\$165 USD*

Price based on the country in which the exam is proctored.

[Schedule exam](#) >

Hands-on labs

- Hands-on labs reinforce the technical discussions.
- The online lab procedures are located on GitHub at: [AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop](#).
 - Supplemental files, such as scripts and templates, are provided in the repository.
- The labs comprise two separate tracks, depending on the identity provider you decide to use.
 - Active Directory Domain Services (AD DS)
 - Azure AD DS
- Be aware of how much you are consuming and do not allow Microsoft Azure components to run overnight or for extended periods

master AZ-140-Configuring-and-Operating-Microsoft-Azure-Virtual-Desktop / Instructions / Labs /		
polichtm addressing #116		
..		
LAB_01L01_Prepare_for_deployment_of_AVD_AADDs.md	addressing #116	
LAB_01L01_Prepare_for_deployment_of_AVD_ADDS.md	addressing #116	
LAB_02L01_Create_and_configure_host_pools_and_sessions.md	Bastion AAD DS updates	
LAB_02L01_Deploy_host_pools_and_session_hosts_with_t...	ADDS Bastion updates	
LAB_02L02_Implement_and_manage_storage_for_AVD_A...	Bastion AAD DS updates	
LAB_02L02_Implement_and_manage_storage_for_AVD_A...	ADDS Bastion updates	
LAB_02L03_Deploy_host_pools_and_hosts_with_ARM_te...	ADDS Bastion updates	
LAB_02L04_Deploy_and_manage_host_pools_and_hosts_...	ADDS Bastion updates	
LAB_02L05_Create_and_manage_session_host_images_A...	ADDS Bastion updates	
LAB_03L01_Configure_Conditional_Access_policies_for_A...	ADDS Bastion updates	
LAB_04L01_Implement_and_manage_AVD_profiles_AAD...	Bastion AAD DS updates	
LAB_04L01_Implement_and_manage_AVD_profiles_ADDS...	ADDS Bastion updates	
LAB_04L02_Package_AVD_applications_ADDS.md	ADDS Bastion updates	
LAB_05L01_Implement_autoscaling_in_host_pools_ADDS...	ADDS Bastion updates	

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	Azure	Dynamics 365	Microsoft 365	Power Platform	Security, Compliance, and Identity
Fundamentals Master the basics	<div>Azure Fundamentals AZ-900</div> <div>Azure AI Fundamentals AI-900</div> <div>Azure Data Fundamentals DP-900</div>	<div>Dynamics 365 Fundamentals (CRM) MB-910</div> <div>Dynamics 365 Fundamentals (ERP) MB-920</div>	<div>Microsoft 365 Fundamentals MS-900</div>	<div>Power Platform Fundamentals PL-900</div>	<div>Security, Compliance, and Identity Fundamentals SC-900</div>
Role-based Expand your technical skill set	<div>Azure Administrator Associate AZ-104</div> <div>Azure Security Engineer Associate AZ-500</div> <div>Azure Network Engineer Associate AZ-700</div> <div>Azure AI Engineer Associate AI-102</div> <div>Azure Data Engineer Associate DP-203</div> <div>Azure Enterprise Data Analyst Associate DP-500</div> <div>Azure Solutions Architect Expert AZ-305</div> <div>Azure Developer Associate AZ-204</div> <div>Azure Stack Hub Operator Associate AZ-600</div> <div>Windows Server Hybrid Administrator Associate AZ-800 + AZ-801</div> <div>Azure Data Scientist Associate DP-100</div> <div>Azure Database Administrator Associate DP-300</div> <div>DevOps Engineer Expert AZ-400</div>	<div>Dynamics 365 Sales Functional Consultant Associate MB-210</div> <div>Dynamics 365 Customer Service Functional Consultant Associate MB-230</div> <div>Dynamics 365 Finance Functional Consultant Associate MB-300 + MB-310</div> <div>Dynamics 365 Supply Chain Management Functional Consultant Associate MB-300 + MB-330</div> <div>Dynamics 365 Finance and Operations Apps Developer Associate MB-300 + MB-500</div> <div>Dynamics 365 Business Central Functional Consultant Associate MB-600</div> <div>Dynamics 365 Marketing Functional Consultant Associate MB-220</div> <div>Dynamics 365 Field Service Functional Consultant Associate MB-240</div> <div>Dynamics 365 Commerce Functional Consultant Associate MB-300 + MB-340</div> <div>Dynamics 365 Finance and Operations Apps Solution Architect Expert MB-700</div>	<div>Teams Application Developer Associate MS-600</div> <div>Modern Desktop Administrator Associate MD-100 + MD-101</div> <div>Teams Administrator Associate MS-700</div> <div>Enterprise Administrator Expert MS-100 + MS-101</div> <div>Messaging Administrator Associate MS-201</div> <div>Security Administrator Associate MS-500</div> <div>Teams Voice Engineer Expert MS-720</div>	<div>Power Platform App Maker Associate PL-100</div> <div>Power BI Data Analyst Associate PL-300</div> <div>Power Automate RPA Developer Associate PL-500</div> <div>Power Platform Functional Consultant Associate PL-200</div> <div>Power Platform Developer Associate PL-400</div> <div>Power Platform Solution Architect Expert PL-600</div>	<div>Azure Security Engineer Associate AZ-500</div> <div>Microsoft 365 Security Administrator Associate MS-500</div> <div>Security Operations Analyst Associate SC-200</div> <div>Identity and Access Administrator Associate SC-300</div> <div>Information Protection Administrator Associate SC-400</div> <div>Cybersecurity Architect Expert SC-100</div>
Specialty Deepen your technical skills and manage industry solutions	<div>Azure for SAP Workloads Specialty AZ-120</div> <div>Azure Support Engineer for Connectivity Specialty AZ-720</div> <div>Azure Cosmos DB Developer Specialty DP-420</div> <div>Azure Virtual Desktop Specialty AZ-140</div> <div>Azure IoT Developer Specialty AZ-220</div>	<div>Customer Data Platform Specialty MB-260</div>	<div>Exchange Online Support Engineer Specialty MS-220</div> <div>Teams Support Engineer Specialty MS-740</div>		

aka.ms/Learn



Welcome back, Thomas Jäkel

Some items for you since your last visit:



CERTIFICATION

Microsoft Certified: Azure Fundamentals

Next module: Describe cloud computing

Dismiss

Start



COLLECTION

Build 2022 Intro to Tech Skills Collection

Next module: Develop a growth mindset

Dismiss

Start



EXAM

Managing Microsoft Teams

Next module: Explore Microsoft Teams

Dismiss

Start

[Help us customize your path](#)

[See all activity](#)

We think you might like these



LEARNING PATH

AZ-204: Create Azure App Service web apps



LEARNING PATH

AZ-204: Integrate caching and content delivery within



LEARNING PATH

AZ-204: Implement user authentication and authorization

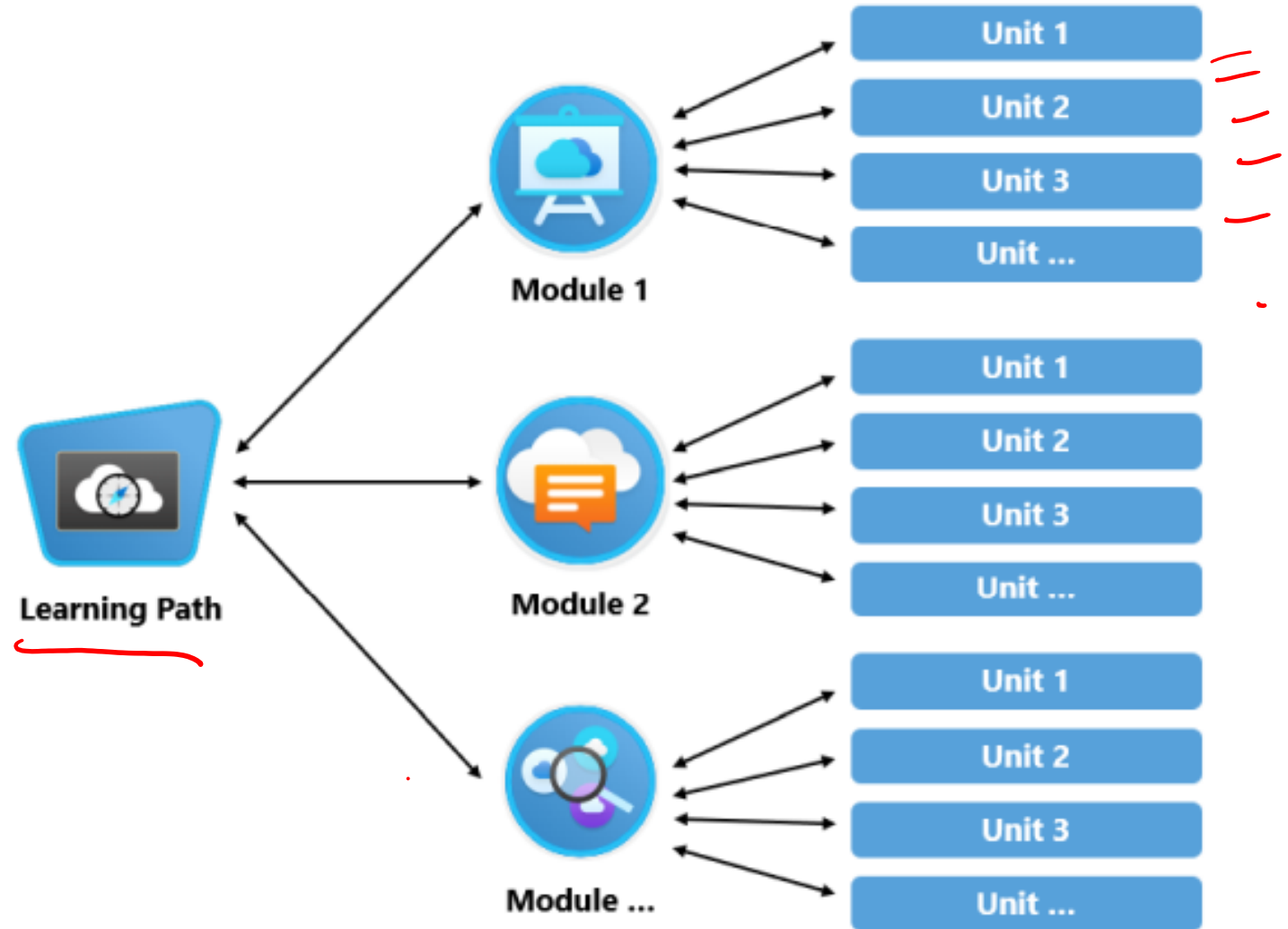
Microsoft Learn

Anonymous

- All Learning Paths

With Learn Account

- Sandboxes
- Exam Registration
- Transcript
- Collections
- Badges
- Level
- Renew Certifications 1 Jahr



Classroom experience

9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰ } 15 min
15 min



Class hours



Virtual access



Parking



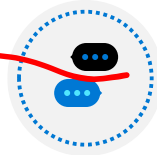
Restrooms



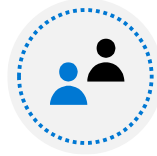
Meals



Phones



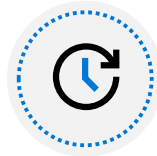
Messages



Smoking



Internet access



Recycling



Emergency procedures

Microsoft Teams

Search

Activity

Chat

Teams

Assignments

Calendar

Files

Presence


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Presence

Presence

Activity

About


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You have the following trainings today:

SC-300T00 Microsoft Identity and Access Administrator

I confirm my presence

Additional Resources (Optional)

Microsoft Learn provides self paced skills training for Azure Virtual Desktop.



Deliver remote desktops and apps with Azure Virtual Desktop

5 hr 40 min • Learning Path • 0 of 8 modules completed

Intermediate Administrator Azure Microsoft 365 Azure Virtual Desktop

Azure Virtual Desktop on Microsoft Azure is a desktop and app virtualization service that runs on the cloud. Azure Virtual Desktop works across devices – including Windows, Mac, iOS, and Android – with full-featured apps that you can use to access remote desktops and apps.

Prerequisites

- Familiarity with server and client management concepts and tools
- Familiarity with Windows virtualization technologies, like Remote Desktop Services

[Start >](#) [Save](#)

Visit the [Deliver remote desktops and apps from Azure with Azure Virtual Desktop](#) learning path for the following modules:

[Introduction to Azure Virtual Desktop in Microsoft Azure](#)

[Prepare for Azure Virtual Desktop in Microsoft Azure](#)

[Deploy Azure Virtual Desktop in Microsoft Azure](#)

[Optimize Azure Virtual Desktop in Microsoft Azure](#)

[Secure an Azure Virtual Desktop deployment](#)

[Deploy applications by using MSIX app attach for Azure Virtual Desktop](#)

End of presentation

