

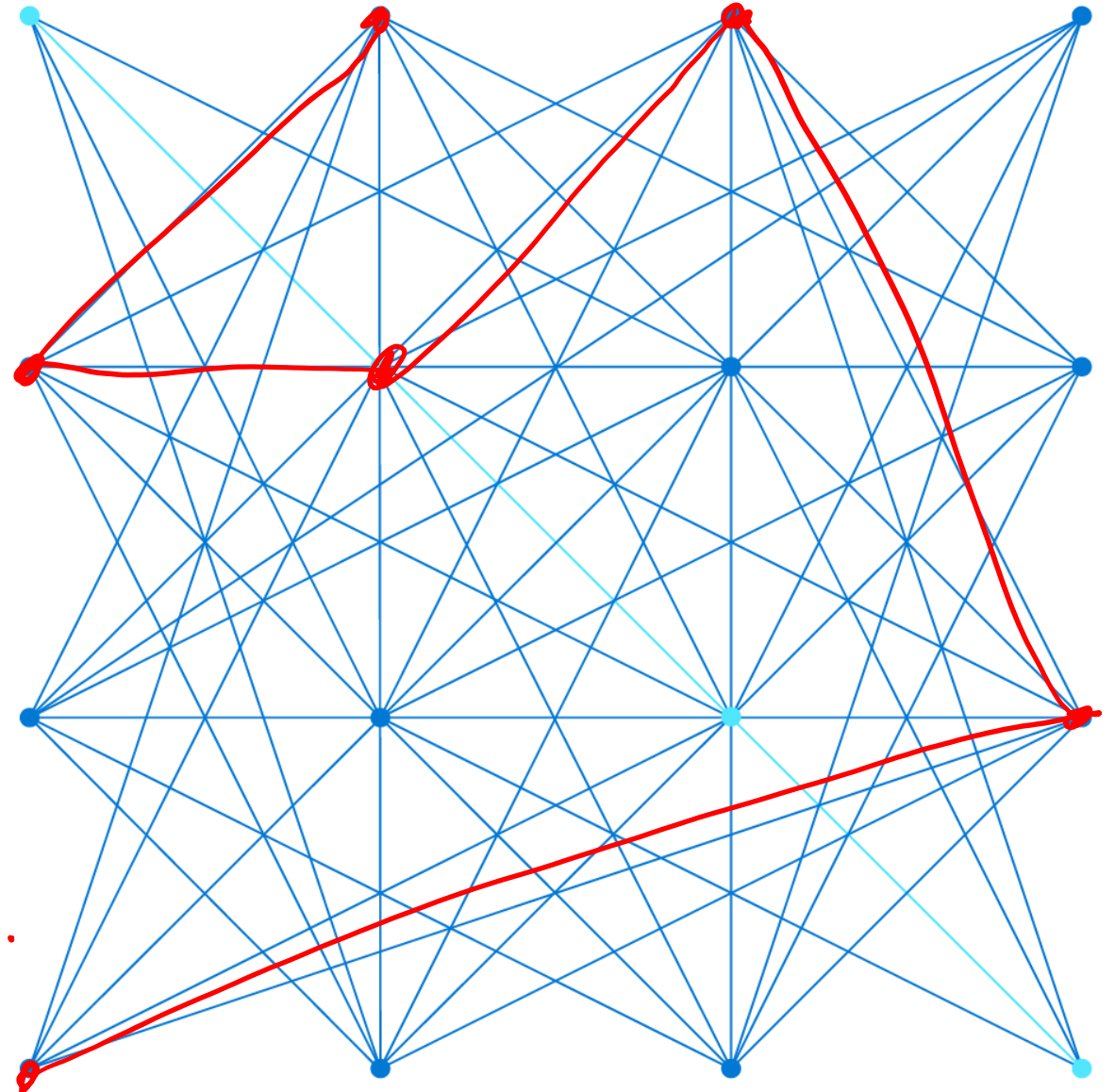


AZ-500

Microsoft Azure Security Technologies

Guten Morgen!

Seminar startet um 9⁰⁰ Uhr.



Berlin Physik

Thomas Jäkel

Heidelberg

brainymotion

ETC

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

github.com/www42/az-500

NT 4.0

AD

EXC

Red Dog

→ Windows Azure

→ ARM Azure

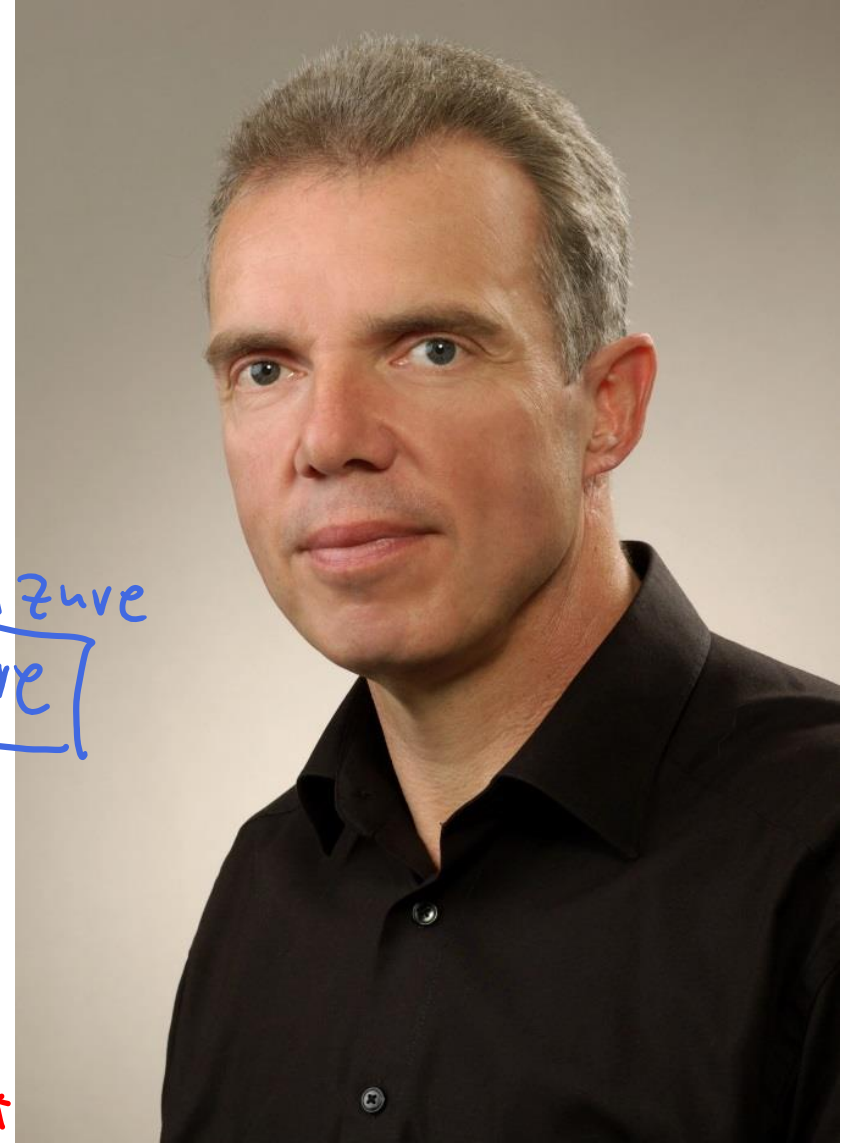
DevOps

PowerShell Az.*

CLI

Tool

az vm list



Azure Security Engineers

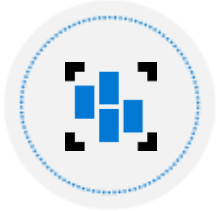
Role



Implement security controls, maintain the organization's security posture, manage identity and access, and protect data, applications, and networks.



Identify and remediate vulnerabilities by using a variety of security tools, implement threat protection, and respond to security incident escalations.



Work as part of a larger team dedicated to cloud-based management and security and may also secure hybrid environments as part of an end-to-end infrastructure.



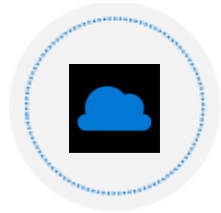
Are familiar with scripting and automation, and have a deep understanding of networking, and virtualization.

IP

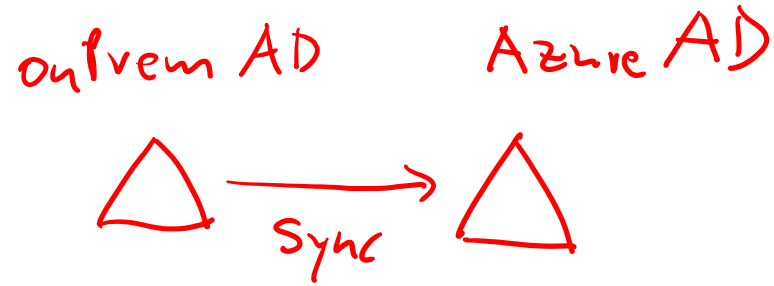
ARM Template

Hyperv - V

AZ-500 Agenda



LP
Learning Path 1 **Identity and Access**

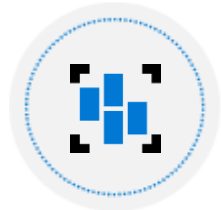


ID Protection
CA Policies
RBAC



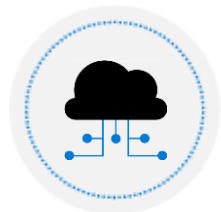
Learning Path 2 **Implement Platform Protection**

App Service
ACI AKS



Learning Path 3 **Data and Application Security**

Storage Account
KV
SQL always



Learning Path 4 **Security Operations**

- monitor LA
 - Defender for Cloud (ASC)
 - Sentinel SIEM
-
- LA KQL

Hello! Let's get acquainted

Your name

Dn ?

Company affiliation

Exam ?!

Title/function

Microsoft Azure experience

Your expectations for the course



HELLO

Microsoft Role-based Infrastructure 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

AZ-900



Microsoft Certified: Azure Fundamentals

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

AZ-500



Microsoft Certified: Azure Security Engineer Associate

Designed for Azure Security Administrators who implement, monitor, and maintain security infrastructures

AZ-305




Microsoft Certified: Azure Solutions Architect Expert

SC
~~SC-900~~

Microsoft Certified: Cybersecurity Architect Expert



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★ Expert certification title

🔒 This certification has prerequisites

MB-300 + MB-310 Exam requirements

	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 Developer Associate AZ-204</div> <div>Azure Security Engineer Associate AZ-500</div> <div>Azure Stack Hub Operator Associate AZ-600</div> <div>Azure Network Engineer Associate AZ-700</div> <div>Windows Server Hybrid Administrator Associate AZ-800 + AZ-801</div> <div>Azure AI Engineer Associate AI-102</div> <div>Azure Data Scientist Associate DP-100</div> <div>Azure Data Engineer Associate DP-203</div> <div>Azure Database Administrator Associate DP-300</div> <div>Azure Enterprise Data Analyst Associate DP-500</div> <div>DevOps Engineer Expert AZ-400</div> <div>Azure Solutions Architect Expert AZ-305</div>	<div>Dynamics 365 Sales Functional Consultant Associate MB-210</div> <div>Dynamics 365 Marketing Functional Consultant Associate MB-220</div> <div>Dynamics 365 Customer Service Functional Consultant Associate MB-230</div> <div>Dynamics 365 Field Service Functional Consultant Associate MB-440</div> <div>Dynamics 365 Finance Functional Consultant Associate MB-300 + MB-310</div> <div>Dynamics 365 Supply Chain Management, Manufacturing Functional Consultant Associate MB-300 + MB-320</div> <div>Dynamics 365 Supply Chain Management Functional Consultant Associate MB-300 + MB-330</div> <div>Dynamics 365 Commerce Functional Consultant Associate MB-300 + MB-340</div> <div>Dynamics 365 Finance and Operations Apps Developer Associate MB-300 + MB-500</div> <div>Dynamics 365 Finance and Operations Apps Solution Architect Expert MB-700</div> <div>Dynamics 365 Business Central Functional Consultant Associate MB-400</div>	<div>Teams Application Functional Consultant Associate MS-600</div> <div>Messaging Administrator Associate MS-203</div> <div>Modern Desktop Administrator Associate MD-100 + MD-101</div> <div>Security Administrator Associate MS-500</div> <div>Teams Administrator Associate MS-700</div> <div>Teams Voice Engineer Expert MS-720</div> <div>Enterprise Administrator Expert MS-100 + MS-101</div>	<div>Power Platform App Maker Associate PL-100</div> <div>Power Platform Functional Consultant Associate PL-200</div> <div>Power BI Data Analyst Associate PL-300</div> <div>Power Platform Developer Associate PL-400</div> <div>Power Automate RPA Developer Associate PL-500</div> <div>Power Platform Solution Architect Expert PL-600</div>	<div>Azure Security Engineer Associate AZ-500</div> <div>Identity and Access Administrator Associate SC-300</div> <div>Microsoft 365 Security Administrator Associate MS-500</div> <div>Information Protection Administrator Associate SC-400</div> <div>Security Operations Analyst Associate SC-200</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 Virtual Desktop Specialty AZ-140</div> <div>Azure Support Engineer for Connectivity Specialty AZ-720</div> <div>Azure IoT Developer Specialty AZ-220</div> <div>Azure Cosmos DB Developer Specialty DP-420</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>		

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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

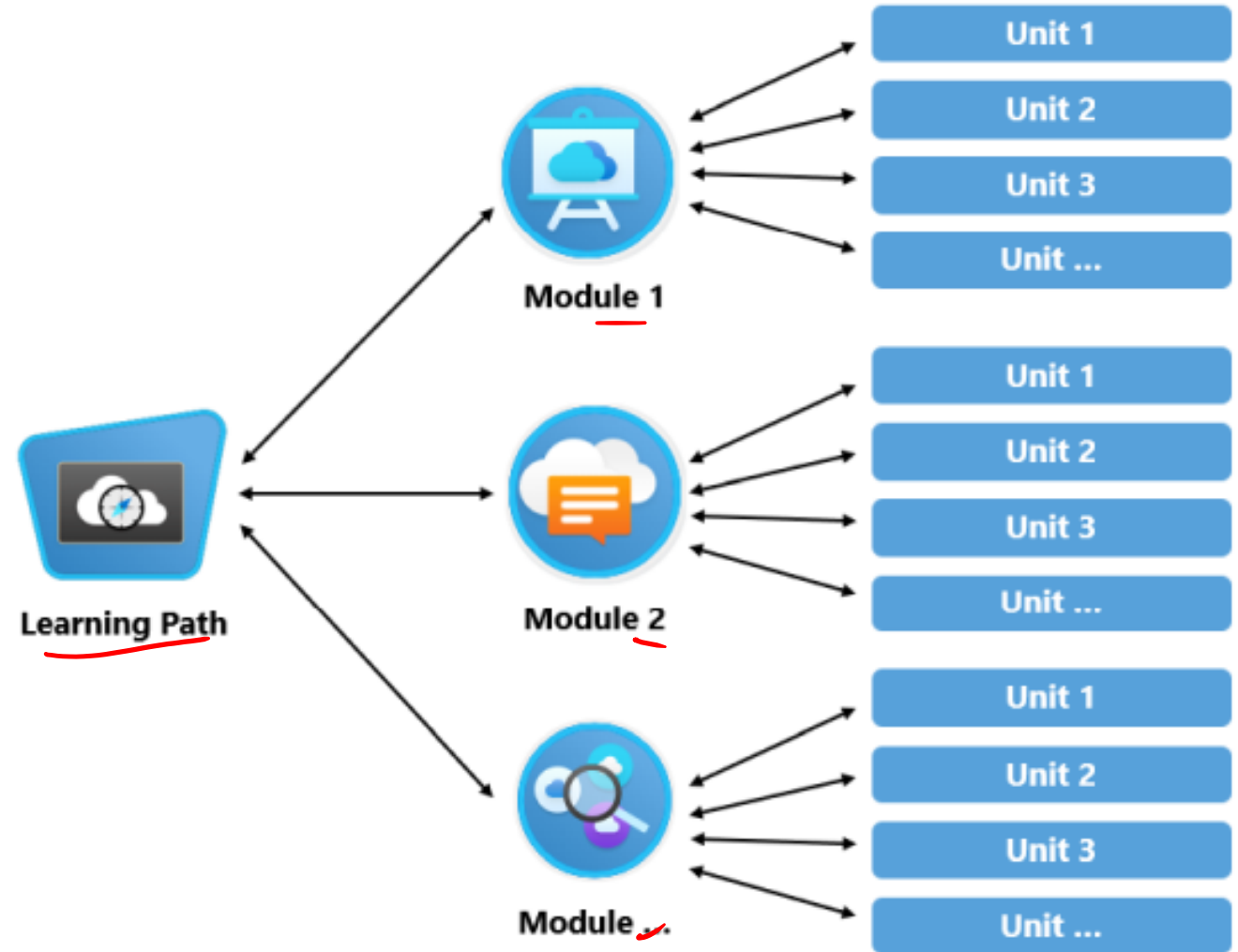
Microsoft Learn

Anonymous

- All Learning Paths

With Learn Account

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



Facilities

9⁰⁰ - 17⁰⁰ 15min
12³⁰ - 13³⁰ 15min



Class hours



Building hours



Parking



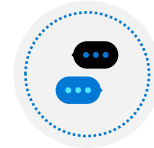
Restrooms



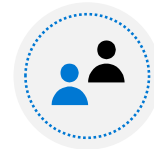
Meals



Phones



Messages



Smoking



Internet access



Recycling



Emergency procedures

 skillable

SOLUTIONS

LEA

Get the most out of your training

Sign In

Register with Training Key

Create an Account

Lab 01 (CSS): Role-Based Access Control

https://labclient.labondemand.com/LabClient/16afecce-9efd-47bd-bd16-833bfd664fbf?rc=10

Recycle Bin

Bot Framework ...

Visual Studio Code

Docker Desktop

Microsoft Azure Stor...

Word

SEA-DEV

Logged on user: sea-dev\admin

Microsoft Windows NT version 6.2 Professional (build 9200)

0% Tasks Complete

Next >

Lab 01 (CSS): Role-Based Access Control

48 Minutes Remaining

InstructionsResourcesHelp

100%

► Disclaimer

Click to show or hide

Required Lab Setup

Login

☐

1. Hello Thomas on SEA-Dev, click Ctrl+Alt+Delete to activate the Ctrl + Alt + Delete sequence and bring up the logon page.

Any links like the one above will send Ctrl+ALT+Delete to the selected machine. This can also be done through the **Commands** menu (lightning bolt in the upper-left hand corner of the screen).

☐

2. Sign in as T Admin with the password T Pa55w.rd.

Download Lab Files to Desktop

Click **Next** to proceed to the **Lab**.

End of presentation