



# Microsoft Learn Spark possibility

AZ-800

*Azure*

# Administering Windows Server Hybrid Core Infrastructure



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Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

PowerShell

<https://github.com/www42/az-800>

Heidelberg  
Berlin Physik Fontvan 77  
↳ NT 4.0

on Prem

AD  
Exchange  
SP

Hyper-V

2011 Windows  
2013 Azure X  
Azure ARM ← Bicep



## About this course

### Overview

- The course teaches you how to manage core Windows Server workloads and services using on-premises, hybrid, and cloud technologies.

### The Administer Windows Server Hybrid Core Infrastructure course could be a great fit for you if you'd like to:

- Understand the core capabilities of on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.
- Configure and manage Windows Server on-premises, hybrid, and Infrastructure as a Service (IaaS) platform workloads.

# Agenda AZ-800

AD

- 1 Deploy and manage identity infrastructure – Windows Server
- 2 Deploy and manage identity infrastructure – Hybrid = Cloud
- 3 Administering Windows Server Hybrid Core Infrastructure – Windows Server
- 4 Administering Windows Server Hybrid Core Infrastructure – Hybrid
- 5 Manage virtualization and containers – Windows Server
- 6 Manage virtualization and containers – Hybrid
- 7 Implement and manage networking infrastructure – Windows Server
- 8 Implement and manage networking Infrastructure – Hybrid
- 9 Configure storage and file services – Windows Server
- 10 Configure storage and file services – Hybrid

Entra ID

Portal

PowerShell  
MMC  
WAC

Docker

Hyper-V

IaaS

ACI

PaaS

NTFS

↔ SMB

Blob

Files

# Agenda AZ-801

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- 1 Security – Windows Server
- 2 Security – Hybrid

3 Failover Cluster

4 Disaster Recovery – Windows Server

5 Disaster Recovery – Hybrid *Site Recovery*

6 Upgrade and Migrate – Windows Server

7 Migrate Windows Server to the Cloud

8 Monitoring – Windows Server

9 Monitoring – Hybrid

*Log Analytics  
KQL  
Kusto*



# Let's get to know each other

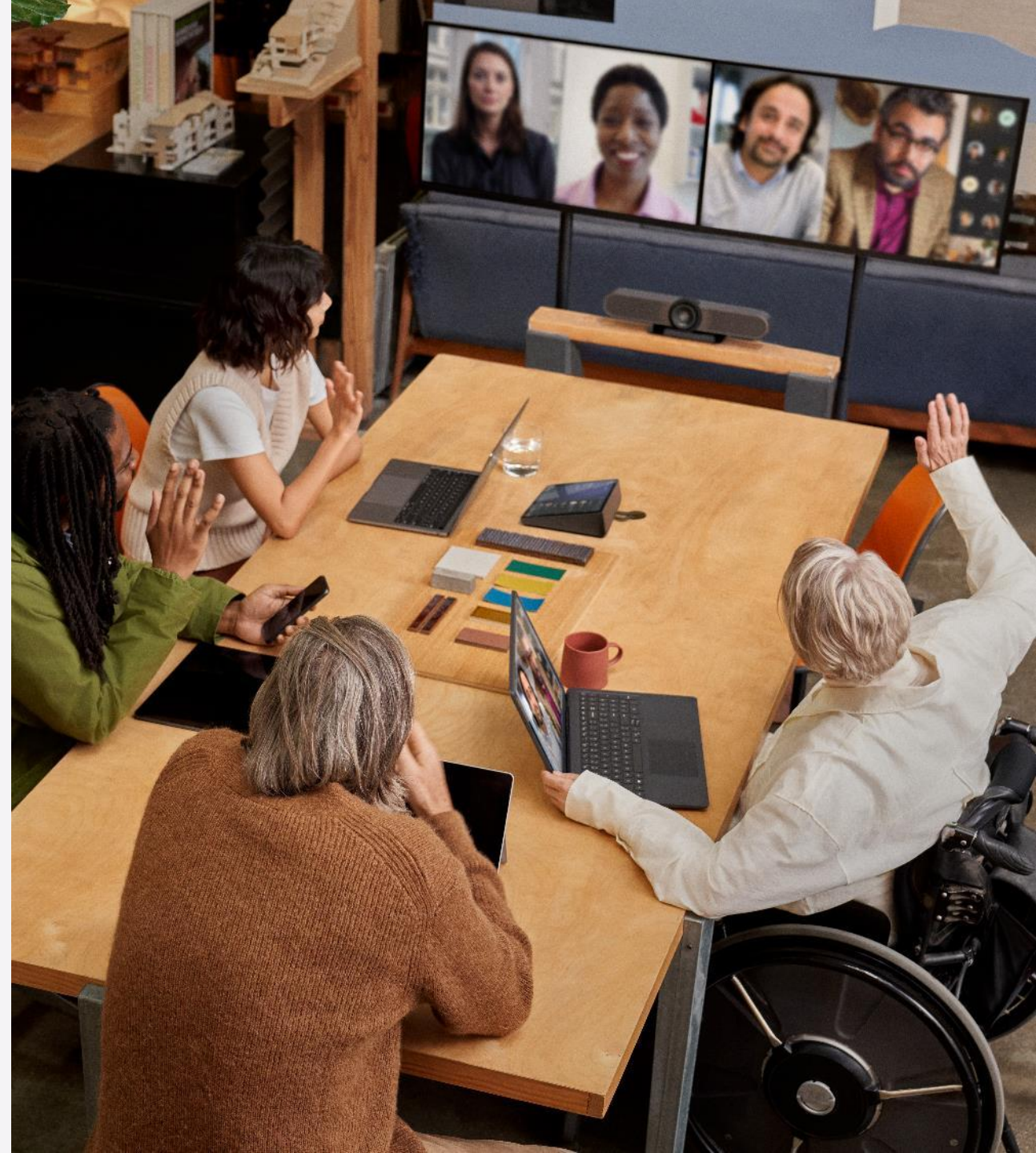
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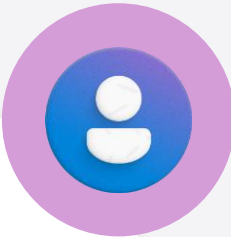
Your experience

Your expectations  
for the course



# Let's have a great time together

We all contribute to a great class



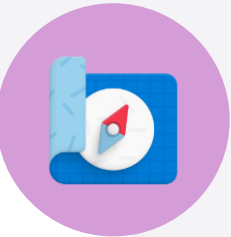
9<sup>00</sup> - 17<sup>00</sup>

12<sup>30</sup> - 13<sup>30</sup>

15 min

15 min

What you should know about our facilities



Internet



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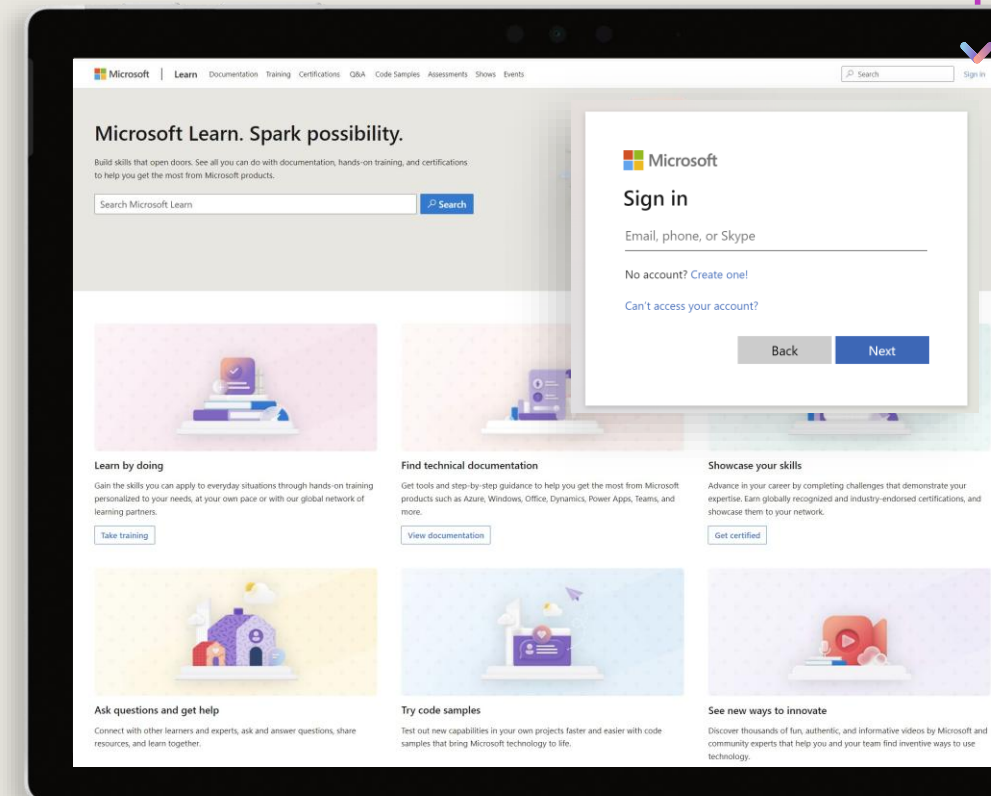
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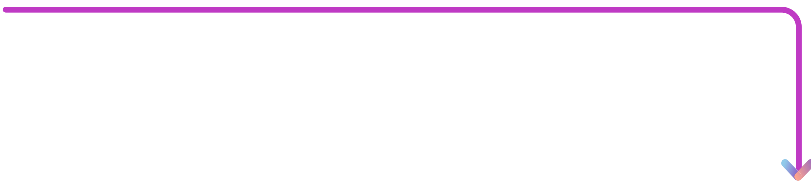
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- 

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This course includes labs:

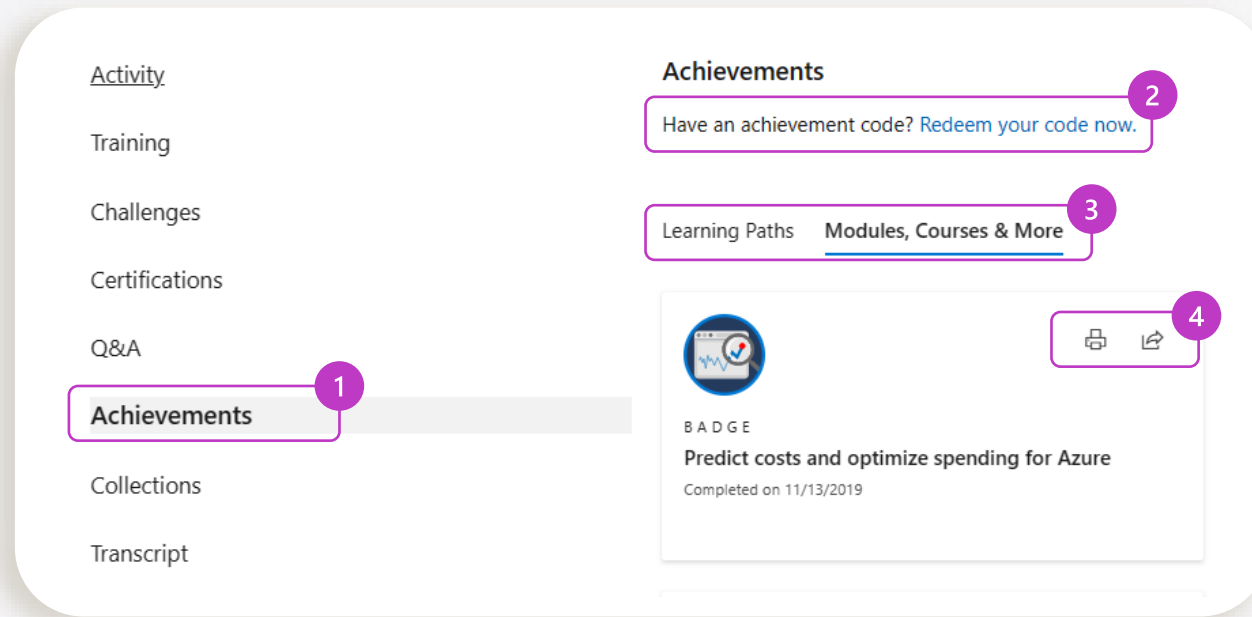
- Detailed lab instructions are included in your lab environment.

[aka.ms/AZ-800labs](https://aka.ms/AZ-800labs)

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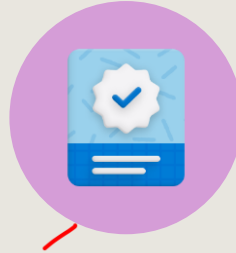
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Fundamentals  
\*

Assoc.  
\*\*

Expert  
\*\*\*

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

End of presentation

