

Azure Arc Learning Companion (1/2)

www.aka.ms/pathways



Overview

Welcome to this learning pathway that brings together a multitude of Microsoft resources to help you with your understanding of Azure Arc.

A suggested journey for a Cloud Engineer / Azure Administrator is opposite to help you get started together with an overview of a related Microsoft certification.

Alternatively, please review the content on the pages for a carefully curated selection of content to support your learning journey.

Good luck!

Key

Virtual Training Day

Self-Study

Certification Content
Learning Partner or Self Study

Learning Pathway

Documentation

Video

Role

Level

Cloud Engineer (Azure Administrator)

Fundamentals

Azure Fundamentals

Systems Administrator Ramp up Guide

Understand Azure Active Directory

Manage identity & access in Azure Active Directory

Primary role based skills

Bring Azure innovation to your hybrid environments with Azure Arc

Manage Windows Servers and workloads in a hybrid environment

Microsoft Entra ID

BCDR

Azure Administrator

Azure for AWS SysOps

Advanced role based skills

AZ-104 Azure Administrator

Windows Server Hybrid Administrator
AZ-800 (Administer) AZ-801 (Configure)

Role based certification

Windows Server Hybrid Administrator

AZ-800: Administering Windows Server Hybrid Core Infrastructure

Skills Measured

- Deploy and manage AD DS in on-premises and cloud environments
- Manage Windows Servers and workloads in a hybrid environment
- Manage virtual machines and containers
- Implement and manage an on-premises and hybrid networking infrastructure
- Manage storage and file services

Microsoft Learn content

- [Deploy and manage identity infrastructure](#)
- [Manage Windows Servers and workloads in a hybrid environment](#)
- [Manage virtualization and containers in a hybrid environment](#)
- [Implement and operate an on-premises and hybrid networking infrastructure](#)
- [Configure storage and file services](#)

Exam Study Guide

Course Page

Exam Page

Exam AZ-801: Configuring Windows Server Hybrid Advanced Services

Skills Measured

- Secure Windows Server on-premises and hybrid infrastructures
- Implement and manage Windows Server high availability
- Implement disaster recovery
- Migrate servers and workloads
- Monitor and troubleshoot Windows Server environments

Microsoft Learn content

- [Secure Windows Server on-premises and hybrid infrastructures](#)
- [Implement Windows Server high availability](#)
- [Implement disaster recovery in Windows Server on-premises and hybrid environments](#)
- [Migrate servers and workloads in on-premises and hybrid environments](#)
- [Monitor and troubleshoot Windows Server environments](#)

Exam Study Guide

Course Page

Exam Page

Azure Arc Learning Companion (2/2)

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Getting started



Today, companies struggle to control and govern increasingly complex environments that extend across data centres, multiple clouds, and edge. Each environment and cloud possesses its own set of management tools, and new DevOps and ITOps operational models can be hard to implement across resources.

Azure Arc simplifies governance and management by delivering a consistent multicloud and on-premises management platform.

Bring Azure innovation to your hybrid environments with Azure Arc

- [Introduction to Azure Arc](#)
- [Introduction to Azure Arc-enabled servers](#)
- [Plan and deploy Azure Arc-enabled servers at scale](#)
- [Secure your hybrid and multicloud machines through Azure Arc-enabled servers](#)
- [Monitor your hybrid and multicloud machines through Azure Arc-enabled servers](#)
- [Govern your hybrid and multicloud machines through Azure Arc-enabled servers](#)
- [Introduction to Azure Arc-enabled Kubernetes](#)
- [Introduction to Azure Arc-enabled data services](#)

Implement Azure Arc-enabled SQL Managed Instance in your hybrid environment

- [Introduction to Azure Arc-enabled data services](#)
- [Deploy and manage Azure Arc data controller](#)
- [Deploy and manage an Azure Arc-enabled SQL Managed Instance](#)
- [Monitor Azure Arc-enabled SQL Managed Instance security performance](#)
- [Implement high availability and disaster recovery for Azure Arc-enabled SQL Managed Instance](#)

Azure Arc Documentation



Azure Arc-enabled servers

- [Connect hybrid machines](#)
- [Security overview](#)
- [Azure Policy definitions](#)
- [Connect SQL Server](#)
- [See more](#)



Management Services supporting Azure Arc

- [Azure Monitor overview](#)
- [Azure Policy overview](#)
- [Microsoft Defender for Cloud overview](#)
- [Azure Automation overview](#)



Arc-enabled Kubernetes

- [Connect a cluster to Azure Arc](#)
- [Use Azure Monitor Container Insights](#)
- [Apply configurations on clusters using GitOps](#)
- [Azure Arc-enabled Open Service Mesh](#)
- [See more](#)



Arc-enabled private clouds

- [Azure Arc resource bridge \(preview\)](#)
- [Azure Arc-enabled VMware vSphere \(preview\)](#)
- [Azure Arc-enabled System Center Virtual Machine Manager \(preview\)](#)



Arc-enabled data services

- [Plan deployment](#)
- [Install tools](#)
- [Create SQL Managed Instance](#)
- [Create PostgreSQL server](#)
- [Connect SQL Server to Azure Arc](#)
- [Assess instance](#)
- [Configure advanced data security](#)
- [See more](#)



Application Services

- [App Service, Functions, and Logic Apps on Azure Arc \(preview\)](#)

[Azure Arc Documentation \(Landing page\)](#)

Extended Security Updates (ESU)

- [Plan your Windows Server and SQL Server end of support](#)
- [How to get Extended Security Updates \(ESU\) for Windows Server](#)
- [New Extended Security Updates \(ESUs\) enabled by Azure Arc](#)
- [Prepare to deliver Extended Security Updates for Windows Server 2012](#)
- [License provisioning guidelines](#)
- [What are Extended Security Updates for SQL Server?](#)
- [Extended Security Updates: FAQ](#)

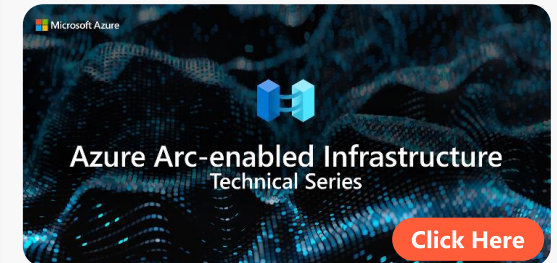
Doing More

- [John Savill's Technical Training - Azure Arc-Enabled Servers Walkthrough](#)
- [Integrate Azure Arc and Azure Stack HCI](#)
- [Azure Arc-enabled servers VMware FAQ](#)
- [Manage configurations for Arc-enabled servers](#)
- [Connect your non-Azure machines to Microsoft Defender for Cloud](#)
- [Connect your Azure subscriptions](#)
- [Connect your AWS account to Microsoft Defender for Cloud](#)
- [Connect your GCP project to Microsoft Defender for Cloud](#)

More Resources



Microsoft Mechanics



30 days to Learn it Challenge

30 Days to Learn It can help you build skills and start your preparation for Microsoft Certifications. Select your challenge below.

[Windows Server Hybrid Administrator](#)