Azure Arc Show



Manfred Helber





Arc Agent update

Version 1.49 - February 2025

Download for Windows ™ or Linux

Fixed

- Added retry logic for reading the status file before sending a report if the agent fails to deserialize it the first time.
- Suppressed terminal error due to a certificate having a negative serial number. This error will be re-enabled in January 2026; customers should update their certificates before then, especially if using SSL inspection.

New features and enhancements

- Increased package size limit for AMA only.
- Preserved HandlerManifest.json file during deletion to prevent extension removal failures.
- · Added detection for MySQL.
- Compressed archived logs.
- Display certificate chain information for failed requests (if the TLS handshake reaches the cert stage).
- Display absolute path for log zip files to improve visibility.
- Updated recommended actions for failures to reach Service endpoints.
- Windows only
 - The agent now saves MSI certificates both on disk and in the Windows cert store (only for Windows Servers 2019 (10.0.17763) and newer).
 - Added authentication option to use certificates from the Windows cert store for azcmagent connect and
 azcmagent disconnect.

▲ Warning

Only Connected Machine agent versions within the last 1 year are officially supported by the product group. Customers should update to an agent version within this window. Microsoft recommends staying up to date with the latest agent version whenever possible.

- ➤ Update via WU/MU
- > Auto Agent Update is on the roadmap

Windows Server 2025 PAYG

Payment options

Traditional licensing or pay as you go

In addition to above licensing options, customers without unlimited virtualization can now use pay as you go to scale up with additional machines to meet capacity bursts or temporary needs.

- Connect to Azure Arc to transact
- \$33.58 per CPU core / month; \$0.046 / hour
- Pay only for what you need

Learn more

Windows Server 2025 Licensing & Pricing | Microsoft

Windows Server 2025 PAYG

Prerequisites

- Your device must be running Windows Server 2025 Standard or Datacenter edition.
- Your device must be Azure Arc-enabled and be running Microsoft Azure connected machine agent version 1.47 or later.
- Your device isn't currently licensed (activated) with another license type, such as OEM, Retail, or Volume License (VL).
- · An active internet connection is required.

Windows Server 2025 Licensing & Pricing | Microsoft



SERVER INVENTORY

Cores

216

Total Servers

Memory (GB)

2 Tsd.

Azure Servers

O

Cores Memory (GB)

Arc Servers

27

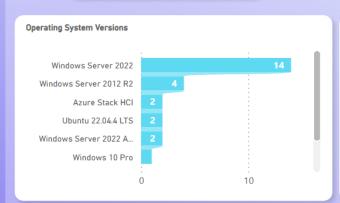
Cores Memory (GB)
216 2 Tsd.

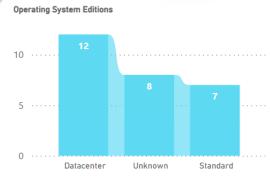
Subscription Alle

✓ Resource Group

100% Agents Installed

Server Name









Name	Type	Cores	Memory (GB)	SQL Detected	Status	OS Version	LocationTag	AzureSł
AHLDBSQL01	Arc	4	16	true	Connected	10.0.20348.3091		Unknow
AHLDC01	Агс	1	4	false	Connected	10.0.20348.2849	FRA	Unknow
AHLMGMT01	Агс	2	4	false	Disconnected	10.0.26100.2454		Unknow
AHLMGMTHOST01	Arc	48	768	false	Connected	10.0.20348.3091		Unknow
Arc-Client-01	Arc	1	2	false	Connected	10.0.19045.5371	FRA	Unknow
Arc-Demo-SRV01	Arc	1	2	false	Connected	10.0.20348.3091	'HybridCloudLab @ Interxion'	Unknow
Arc-Demo-SRV02	Arc	1	2	false	Connected	10.0.20348.3091	AzureStackHCI	Unknow
Arc-Demo-SRV03	Arc	1	2	false	Connected	10.0.20348.3091	AzureStackHCI	Unknow
Arc-Demo-SRV04	Arc	1	2	false	Connected	10.0.20348.3091	AzureStackHCI	Unknow
Arc-Demo-SRV05	Arc	4	8	false	Connected	10.0.26100.2894		Unknow
ArcHCLHCI01VM01	Arc	4	4	false	Connected	10.0.20348.230		Unknow
ArcHCLHCI01VM02	Arc	4	3	false	Connected	10.0.20348.2655		Unknow
ArcHCLHCI01VM03	Arc	4	3	false	Connected	6.5.0-1025-azure		Unknow
ArcHCLHCI01VM04	Arc	4	8	false	Connected	10.0.20348.2582		Unknow
Archel HeintyMnssol Gesamt	Arc	216	1653	true	Connected	10 0 203//2 3091		Hokoow

Server Status © Connected © Expired © Disconnected										
Connected							Expired			
AHLDBSQL01	Arc-Demo-SR	Arc-Demo-SR								
			ArcHCLH	ArcH	CLH	arc-linux	WS2012	WS2012		
AHLDC01	Arc-Demo-SR	ArcHCLHCI01	ArcVMWDer	noV			WS2012-ESU-03			
							WS2012-ESU	J-04		
AHLMGMTHO	THO Arc-Demo-SR ArcHCLHCl01		demovmwarevm		HCLH.	SQL2	Disconnected			
Arc-Client-01	Arc-Demo-SR	ArcHCLHCI01	HCLHCI01H	OST01	TechBr	iefing-VM	gcp-instance	-20240807		



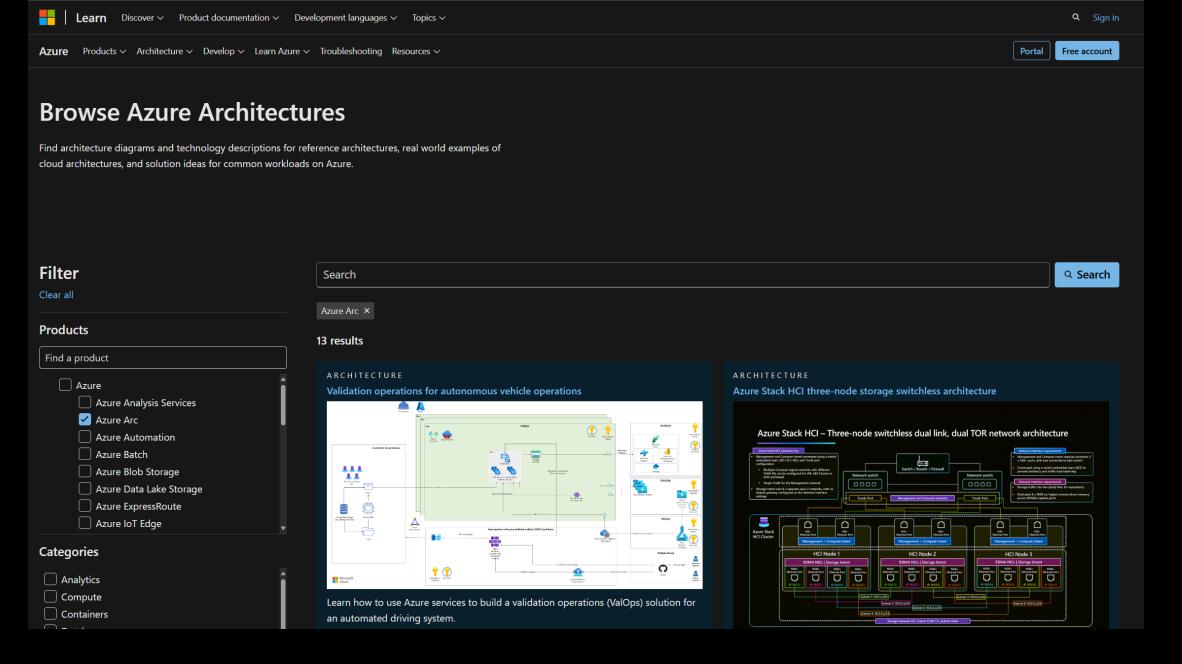


General prep for Hybrid scenarios with Azure Arc

- Azure learning AZ-900, AZ-800/801, AZ-104
- Learning path "Bring Azure innovation to your hybrid environments with Azure Arc"

 Landing Zone <u>Introduction to Azure Arc landing zone</u> <u>accelerator for hybrid and multicloud - Cloud Adoption</u> <u>Framework | Microsoft Learn</u>

RBAC, Identity, Cost





Hybrid and multicloud - Microsoft Cloud Adoption Framework for Azure

> Overview

Strategic impact

Technical planning

Prepare your environment

Azure landing zones

Introduction to Azure Arc landing zone accelerator for hybrid and multicloud

- > Azure Arc-enabled servers
- > Azure Arc-enabled Kubernetes
- > Azure Arc-enabled SQL Managed Instance
- > Implementation options

Migrate to the cloud

Govern your portfolio

Manage your portfolio

- > Hybrid architectures
- > Azure product documentation
- > Build skills on Learn

Introduction to Azure Arc landing zone accelerator for hybrid and multicloud

Learn / Azure / Cloud Adoption Framework / Scenarios / Hybrid and multicloud /

Article • 03/15/2023 • 19 contributors

♂ Feedback

In this article

Why hybrid?

Prerequisites

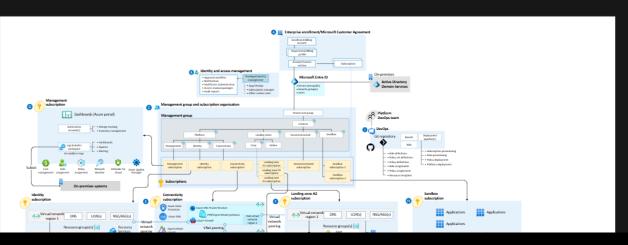
Azure Arc-enabled servers design guidelines

Azure Arc-enabled Kubernetes design guidelines

Show 2 more

Enterprises are currently building and running applications across various ecosystems on-premises, in multiple public clouds, and on the edge. When you're working in these distributed environments, it's critical that you find a way to ensure compliance and manage servers, applications, and data at scale while still maintaining agility.

Azure landing zones provides: A specific architectural approach. Reference architecture. Set of reference implementations that help you prepare your landing zones for mission-critical technology platforms and supported workloads.



Additional resources

Learning path

Bring Azure innovation to your hybrid environments with Azure Arc - Training

Learn how to work with Azure Arc enabled servers, data services and Kubernetes.

Certification

Microsoft Certified: Azure Database Administrator Associate -Certifications

Administer an SQL Server database infrastructure for cloud, onpremises and hybrid relational databases using the Microsoft PaaS relational database offerings.

Documentation

Resource organization for Azure Arc-enabled servers - Cloud Adoption Framework

Evaluate how resources will be organized when working with Azure Arc-enabled servers

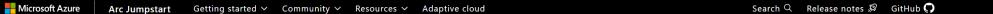
Azure landing zone Azure Arc-enabled servers sandbox - Cloud Adoption Framework

Learn how to deploy Azure landing zone Azure Arc-enabled servers sandbox to accelerate adoption of hybrid or multicloud architectures.

Azure Arc-enabled server configurations - Azure Architecture Center

Use Azure Arc to extend Azure Resource Manager capabilities to Windows and Linux machines on any infrastructure.

Show 5 more



DISCOVER

Arc Jumpstart

Get an Azure Arc environment up and running in no time—extensive, automated, and open-source.

Get started View demos 🖸

Azure Arc Jumpstart

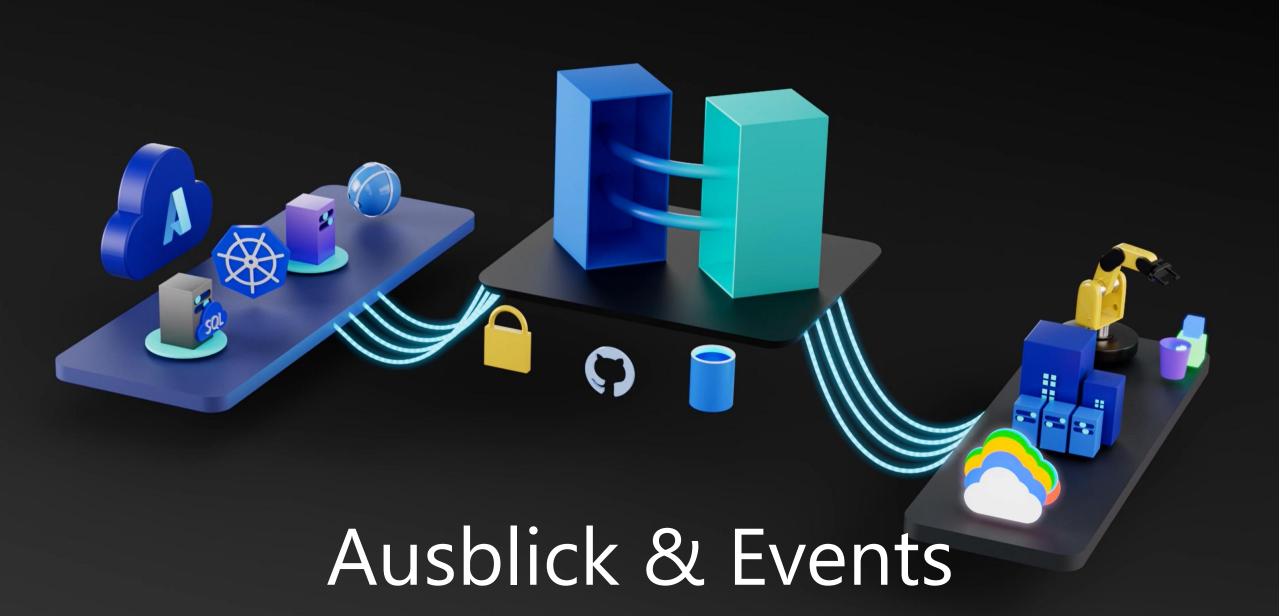


EXPLORE

The Arc Jumpstart universe



Fragen aus der Community

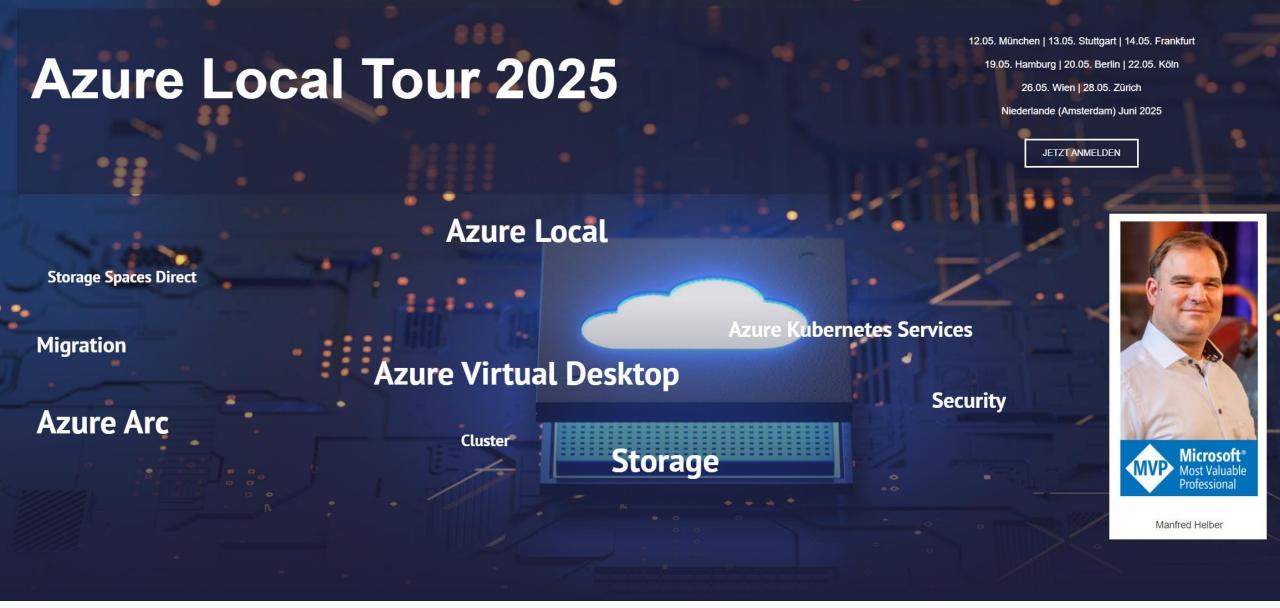




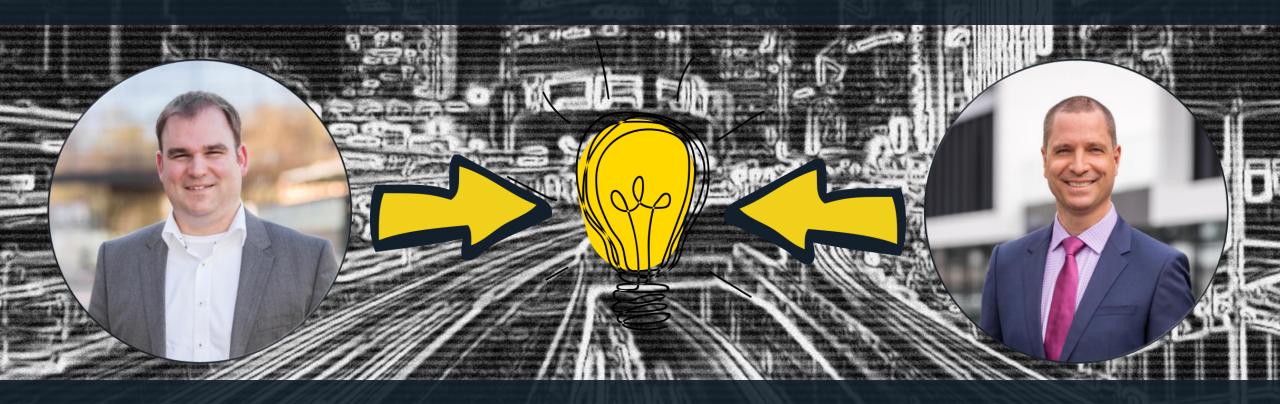




28.02.2025 | 10:00 Uhr



Azure Local Show



Manfred Helber

MVP Cloud and Datacenter Trainer and Consultant Manfred Helber GmbH Next Show: 28.02.2025 12:00 pm

Sven Langenfeld

Azure Stack HCI Commercial Sales Specialist Microsoft DACH



Alexander Ortha . You

Adaptive Cloud with Azure Arc combine the power of Azure into environment... 1w • 🕟

My YouTube channel becomes a bit of optimization. There is now a playlist for the #AzureArcShow available. Together with Manfred Helber we will continue with the show in the next couple of days.

Stay tuned for new content around #AzureArc #AdaptiveCloud #AzureHybrid #AzureStackHCl

If you want to look at the existing videos from the #AzureArcShow, have a look here https://lnkd.in/dVeP54_M

Nils Bankert Dino Bordonaro Lars Fischer André Fischer Manfred Helber

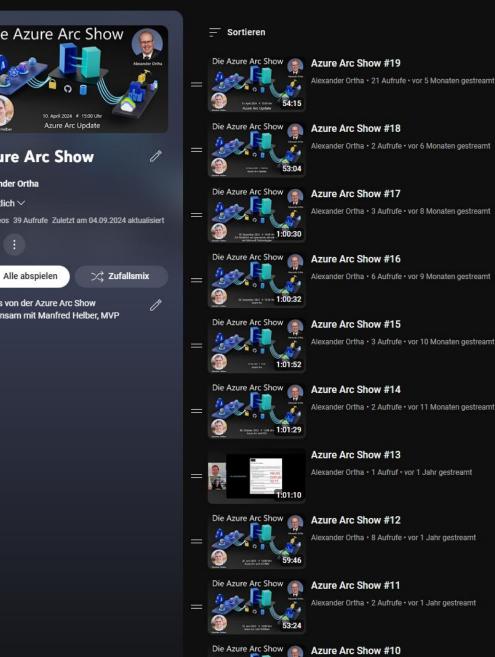


Azure Arc Show

youtube.com

https://www.linkedin.com/posts/alexanderortha_az ure-arc-show-activity-7237098420920844289-p5jg

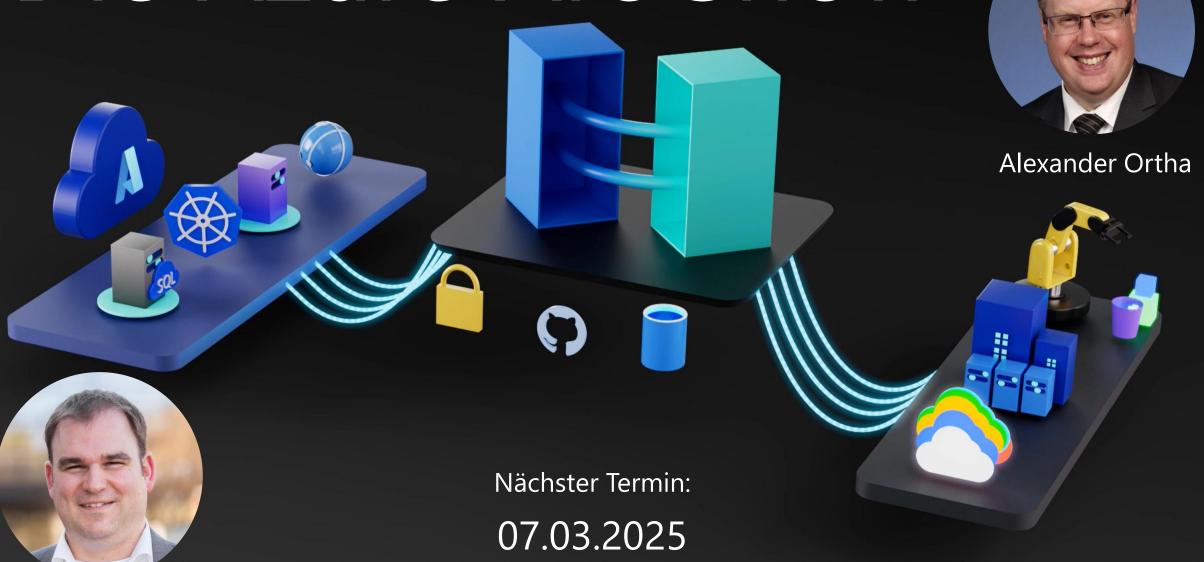




Die Azure Arc Show Azure Arc Show #9

Alexander Ortha · 13 Aufrufe · vor 1 Jahr gestreamt

Die Azure Arc Show



Manfred Helber

