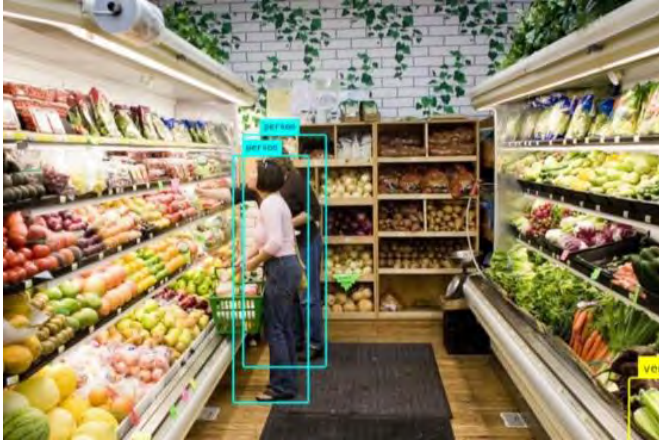


Azure Local

Cloud infrastructure for distributed
locations, enabled by Azure Arc

Durable scenarios for distributed infrastructure



**Local AI inferencing,
especially video**

Process data at the source

Example: Retail



**Mission critical and
near real-time**

Continuity and low latency

Example: Manufacturing



**Regulated and limited
connectivity**

Keep data and control local

Example: Utilities

Adaptive cloud approach enabled by Azure Arc

Cloud services
and tools



Operate with AI-enhanced central **management & security**



Develop and scale **applications** across boundaries



Unify **data and AI** across a distributed estate

Global
infrastructure



60+ Azure regions

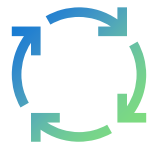
Azure Local

NEW

Existing infrastructure

Introducing **Azure Local**

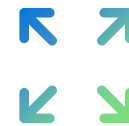
Cloud infrastructure for distributed locations, enabled by Azure Arc



Operate and scale with the power of the cloud



Ready for all your apps: VMs and containers alike

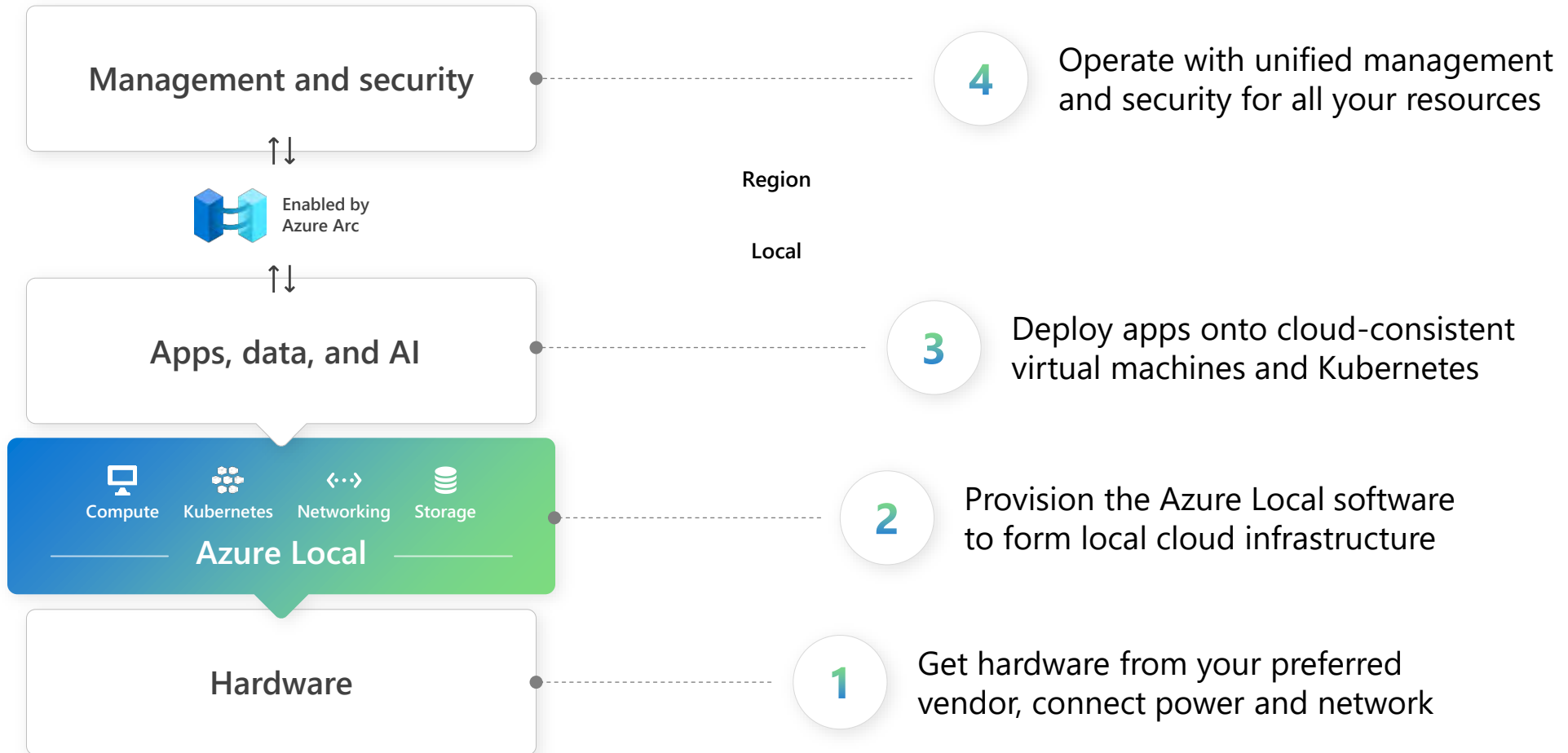


Flexibility to meet your requirements and budget



Extend cloud security to your distributed locations

How Azure Local works (connected)



Azure Local replaces Azure Stack HCI



Consistent software platform, Portal, and APIs



Low-spec, low-cost edge servers

Simpler, smaller hardware for light computing requirements.

NEW PREVIEW



Connected servers (formerly Azure Stack HCI)

Choose from over 100 hyperconverged server platforms from major OEMs.

✓ GA



Disconnected operations

Meet strict data residency regulations with a permanently disconnected option.

NEW PREVIEW

Existing customers of Azure Stack HCI will transition seamlessly to Azure Local with the next software update.



Outline

Operate and scale with the power of the cloud

- Deploy from the cloud
- Scale with infra-as-code
- One-click updates
- Central visibility

Ready for all your apps: VMs and containers alike

- Full-featured, general-purpose VMs
- Migrate from VMware (preview)
- AKS built-in and included
- App, data, and AI services (preview)

Flexibility to meet your requirements and budget

- Choose your hardware
- Accelerate with GPUs
- Low-spec, low-cost options
- Disconnected operations (preview)

Extend cloud security to your distributed locations

- Secure by default
- Microsoft Defender for Cloud
- Network security groups
- Trusted launch



Azure Local

Enabled by Azure Arc

Operate and scale
with the power of
the cloud

Deploy distributed infrastructure from the cloud



Shift responsibility from on-site to central IT



Treat physical machines like cloud resources, using Azure portal, APIs, or even Terraform



Simple wizard, backed by powerful automation

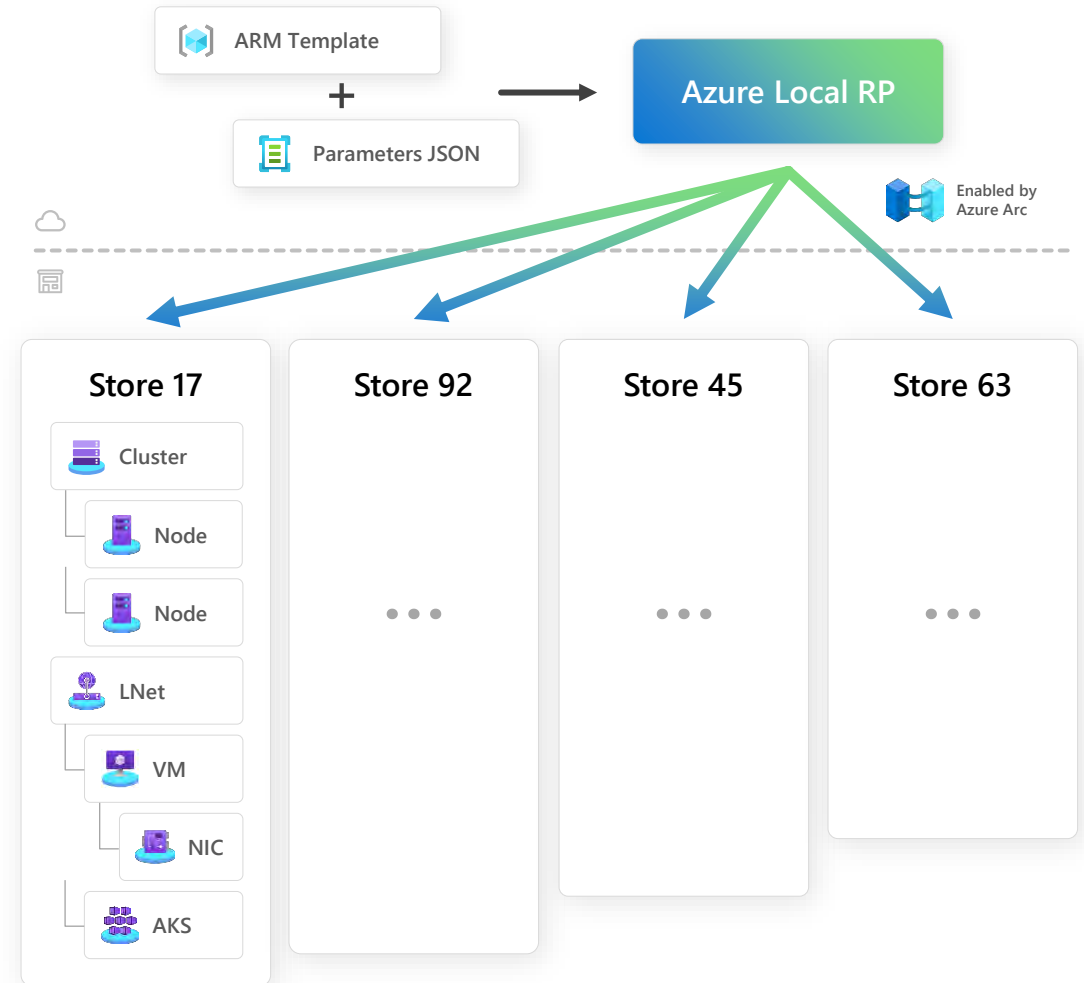


Advanced options to customize the cluster, networking, and storage for your environment

The screenshot displays the Microsoft Azure portal interface for the 'Deploy Azure Local' wizard. The main window is titled 'Deploy Azure Local' and is currently on the 'Networking' step. The breadcrumb navigation shows 'Home > Azure Arc | Azure Local >'. The 'Networking' step includes a section titled 'Choose whether to use a network switch for the storage network' with two radio button options: 'No switch for storage' and 'Network switch for storage' (which is selected). Below this, there are two diagrams illustrating the network adapter configurations. The first diagram shows 'Storage network adapters connect all machines directly', and the second shows 'Storage network adapters connect to a network switch'. The 'Group network traffic types by intent' section has three radio button options: 'Group all traffic' (selected), 'Group management and compute traffic', and 'Group compute and storage traffic'. Below these options are four icons representing different traffic intent groupings: 'Management, compute and storage intent', 'Management and compute intent', 'Storage intent', and 'Management intent' and 'Compute and storage intent'. The wizard also shows a table of machines with columns for Name, Status, and Region. The 'Store-771-Node1' and 'Store-771-Node2' machines are listed with a 'Ready' status. At the bottom, there are navigation buttons for 'Review > create', '< Previous', and 'Next: Management', along with a 'Save' button on the right side.

Repeat and scale with infrastructure-as-code

```
{} Contoso-Store-092.parameters.json ×
29 "parameters": {
30   "clusterName": {
31     "value": "Contoso-Store-092"
32   },
33   "useDhcp": {
34     "value": false
35   },
36   "networkingPattern": {
37     "value": "hyperConverged"
38   },
39   "physicalNodesSettings": {
40     "value": [
41       {
42         "name": "Node1",
43         "ipv4Address": "100.156.94.11"
44       },
45       {
46         "name": "Node2",
47         "ipv4Address": "100.156.94.12"
48       },
49       {
50         "name": "Node3",
51         "ipv4Address": "100.156.94.13"
52       }
53     ]
54   },
55   "securityLevel": {
56     "value": "Recommended"
57   },
58   "clusterWitnessStorageAccountName": {
59     "value": "contoso092storageaccount"
60   }
61 }
```



One-click infrastructure updates from the cloud



Conveniently view and manage updates across locations in Azure Update Manager



Full-stack update package includes all Azure Local software plus OEM content ¹



Non-disruptive (workloads keep running)



You control when to apply updates

Microsoft Azure

Home > Azure Update Manager

Azure Update Manager | Azure Local

Refresh | One-time update | Feedback

Filter by name... | Subscription == 1 selected | Resource group == All | Location == All | Status == All

Name	Status	Update readiness	Current version
Contoso-Store-1508	Up to date	Critical	10.2411.0
Contoso-Store-0695	Update(s) available	Healthy	10.2405.0
Contoso-Store-2240	Update(s) available	Healthy	10.2405.0
Contoso-Store-0137	Update(s) available	Healthy	10.2408.2
Contoso-Store-1424	Up to date	Healthy	10.2408.0
Contoso-Store-0869	Up to date	Healthy	10.2411.0
Contoso-Store-0773	Update(s) available	Healthy	10.2405.0
Contoso-Store-0774	Update(s) available	Healthy	10.2405.0
Contoso-Store-0781	Up to date	Healthy	10.2408.1
Contoso-Store-0546	Update(s) available	Healthy	10.2405.0

Showing 1 - 10 of 10 results.

¹ : Firmware and driver packages available for Premier solutions like Dell APEX Cloud Platform and Lenovo ThinkAgile MX455 V3

Central visibility across all your locations



Monitor infrastructure, VMs, and Kubernetes from the Azure portal, enabled by Azure Arc



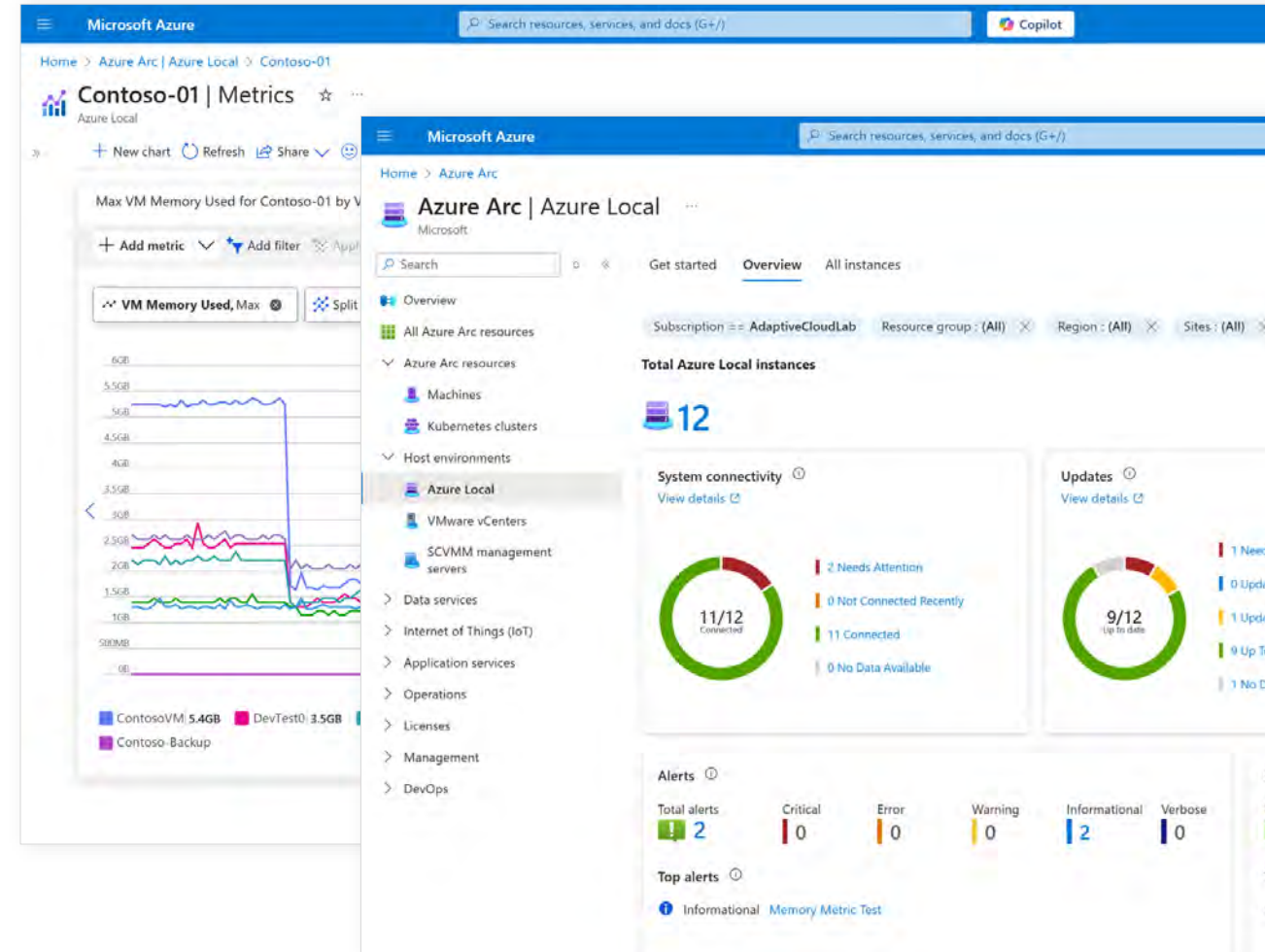
Ready-made dashboards you can customize



50+ standard metrics for infrastructure cover hypervisor, storage, and networking



Set alert rules to send email and more





Azure Local

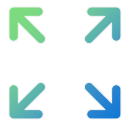
Enabled by Azure Arc

Ready for all your
apps: VMs and
containers alike

Full-featured, general-purpose virtual machines



Run traditional apps in VMs with your own images or Azure Marketplace images



Total flexibility to customize VM specs, networking, storage, and configuration



Use familiar Azure portal and automation for cloud-consistent VM operations



VM extensions for monitoring, security, updates, AD join, custom script, and more

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and the 'Copilot' icon. The main content area is divided into two panels. The left panel, titled 'Create an Azure Arc virtual machine', shows the 'Basics' step of a wizard. It includes fields for 'Virtual machine name' (My-VM), 'Custom location' (Contoso-01), 'Virtual machine kind' (Azure Arc), 'Security type' (Trusted launch), 'Storage path' (Choose Storage), 'Image' (Ubuntu Server), 'Virtual processor count' (4), 'Memory (MB)' (8192), and 'Memory type' (Static). The right panel, titled 'My-VM', provides an overview of the virtual machine. It shows the 'Essentials' section with details like Resource group (Contoso-01-RG), Status (Running), Location (Contoso-01-Custom-Location (eastus)), Subscription (Contoso), and Subscription ID (fba408b-cb36-4382-9cda-a42bfa0c7bc9). The 'Properties' section lists the VM name (My-VM), Operating system (Linux), CPU cores (4), and Memory (8,192 MB). The 'Extensions' section lists several installed extensions, including MDE.Linux, LinuxOsUpdateExtension, LinuxPatchExtension, and AzureMonitorLinuxAgent. The 'Security' section shows the Security type is 'Trusted launch'.

Migrate from VMware to Azure Local (preview)

NEW



Reduce your VMware costs and footprint with full-stack alternative



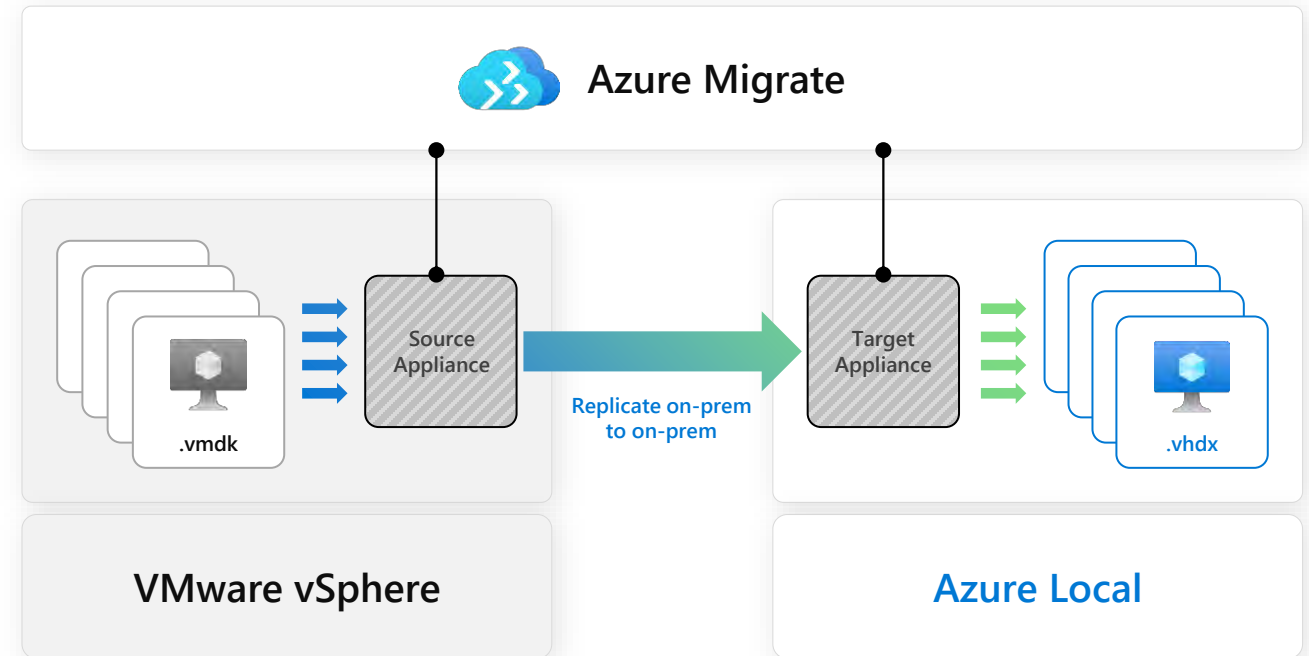
No need to change/rewrite apps



Copy and convert VMware VMDK to Azure Arc VM entirely on-premises



Guided workflow in Azure Migrate



Learn more at aka.ms/AzureLocal/Migrate

NEW

Azure Kubernetes Service built-in and included



Deploy container and cloud-native apps leveraging open-source technology



Managed Kubernetes with AKS-consistent portal and APIs to simplify operations



Microsoft-provided storage (CSI) driver and images for Linux and Windows



Infra-as-code and continuous delivery with Terraform and GitOps support

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the Copilot icon. The main content area is divided into two panels. The left panel shows the 'Create a Kubernetes cluster with Azure Arc' wizard, with tabs for 'Basics', 'Node pools', 'Access', and 'Networking'. The 'Basics' tab is active, showing 'Project details' (Subscription: Contoso, Resource group: Contoso-01), 'Cluster details' (Kubernetes cluster name: My-AKS-Cluster, Custom location: Contoso-01, Kubernetes version: 1.28.9), and 'Primary node pool' (Node size: Standard_A, Node count: 5). The right panel shows the 'My-AKS-Cluster' details page, including a search bar, 'Delete', 'Refresh', and 'Open in mobile' buttons. The 'Essentials' section lists: Subscription (Contoso), Subscription ID (ebaf548b-cb71-4663-9cda-a42bfa0c7bc9), Resource group (Contoso-01-RG), Status (Connecting), and Location (Contoso-01 (East US)). The 'Properties' section lists: Kubernetes service - Azure Arc, Agent version (1.21.10), Managed identity certificate (January 5, 2025 at 10:21 AM PST), Kubernetes version (1.29.4), Total node count (5), and Total core count (20).

Bring Azure's app, data, and AI services anywhere

Management services



Portal



Copilot



Graph



Identity



Defender



Monitor



Updates



Policy



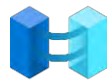
Support



Billing

Cloud region

Distributed location



Enabled by
Azure Arc

Popular



Windows
and Linux



Azure Virtual
Desktop



Azure IoT
Operations

App services



Containers
Apps



Logic Apps

Data services



Arc-enabled
SQL Server



Managed
instance



PostgreSQL

AI services

NEW



Video
Indexer



Local AI search
(preview)



Machine
Learning

Foundational services



Virtual
machines



Kubernetes
services



Logical
networks



Storage
paths

Azure Virtual Desktop with Azure Local

The image displays two screenshots from the Microsoft Azure portal. The top screenshot shows the 'Host pools' overview page, and the bottom screenshot shows the 'Session hosts' configuration page for the 'Local-Site337' host pool.

Host Pools Overview

Showing 1 to 4 of 4 records.

Name	Location	Host po...	Load bal...	Applicati...
Regional-EastUS	East US	Pooled	Breadth-first	29
Regional-WestEurope	West Europe	Pooled	Depth-first	17
Local-Site337	Custom Location	Pooled	Depth-first	6
Local-Site092	Custom Location	Pooled	Depth-first	1

Local-Site337 - Session hosts

Status: 12 selected | Drain mode: 2 selected

Name	Health state	Total sessions	Drain mode	VM Location	Subscription	Agent version
win10multivm1.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win10multivm2.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi05.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi07.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi08.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi09.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi10.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100
win11multi-vm20.poc01.local	Available	10	Off	-	AdaptiveCloudLab	1.0.10004.2100

Azure AI services with Azure Local (preview)

NEW



Local AI Search

Search on-premises data with small and large language models

Private Preview



Azure ML Catalog

Deploy and manage validated AI models from the cloud

Private Preview

Learn more at aka.ms/AzureLocal/EdgeAI



Azure Local

Enabled by Azure Arc

Flexibility to meet
your requirements
and budget

Choose hardware from your preferred vendor



DELLTechnologies



Lenovo



Hewlett Packard
Enterprise



DataON



CISCO



SUPERMICR



FUJITSU

1

Engage directly with your preferred vendor

2

Customize hardware specs, storage, and networking

3

Purchase 1 to N nodes up-front or as-a-service

Explore solutions at aka.ms/AzureLocalCatalog

Accelerate demanding workloads with GPUs



Over 50 GPU-capable platforms with NVIDIA A2, A16, A40, and others



Dedicate whole GPUs to workloads to maximize AI/ML performance



Partition GPUs to increase density with virtual apps and desktops



VMs with GPU partitioning support **live migration and failover**¹ **NEW**


The screenshot shows the 'virtual machine kind' configuration page in the Azure portal. The 'GPU Assignment' section is highlighted with a green border. The 'Add GPU' checkbox is checked. The 'Type' dropdown is set to 'GPU partition'. The 'Available partition size' dropdown is set to '4GB'. Other visible settings include: Security type: Trusted launch; Storage path: Choose automatically; Image: Ubuntu Server 24.04 LTS; Virtual processor count: 4; Memory (MB): 8192; Memory type: Static. Navigation buttons for 'Previous' and 'Next' are at the bottom.

1 : Not yet supported by AKS 2 : GPU assignments in Azure Arc coming Dec 2024

Low-spec, low-cost options for edge use cases

NEW


Azure Stack HCI Requirements at launch	Azure Local ¹ Requirements at launch
Windows Server certified	Windows Server certified
Min. 2+ machines	1+ machine
Min. 4+ disks per machine	1+ SSD per machine ²
Min. 10-Gbps w/RDMA	1 Gbps/2.5 Gbps Ethernet ³
Active Directory required	Doesn't require AD ⁴




SuperMicro SYS-E302
Fan-less server



Dell MC-4000r/z + MC-4510c
Rugged two-sled chassis



HPE MicroServer Gen11
Micro tower server



Lenovo ThinkEdge SE350v2
Half-width, half-depth 1U

Example possible solutions, pending validation

1 : Reduced requirements allowed up to maximum of 3-node cluster 2 : Excludes OS boot disk 3 : Must support Hyper-V virtualization 4 : In preview now, coming 2025

Watch the demo

Deploy AKS using tower
servers and simple ethernet



aka.ms/AzureLocalSFFDemo
(9 mins 39 secs)

Introducing rack aware clusters (preview)

NEW



Increased high availability (HA) between 2 rooms in the same location



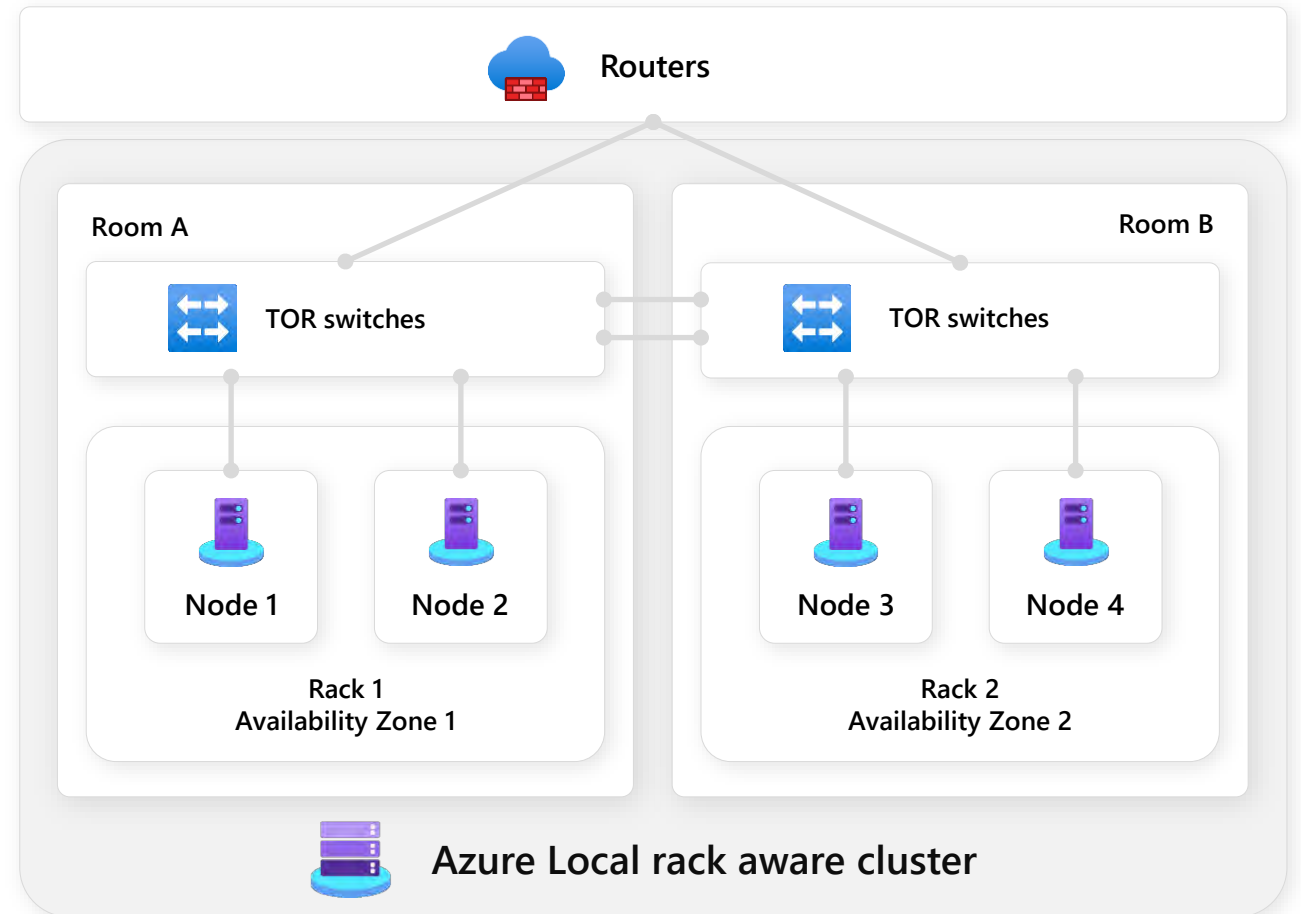
Synchronized S2D storage replication between local availability zones



Provision workloads to a specific local availability zone



Automatic workload and volume failover and failback



NEW

Introducing disconnected operations (preview)



Satisfy regulatory requirements by operating permanently disconnected from the cloud



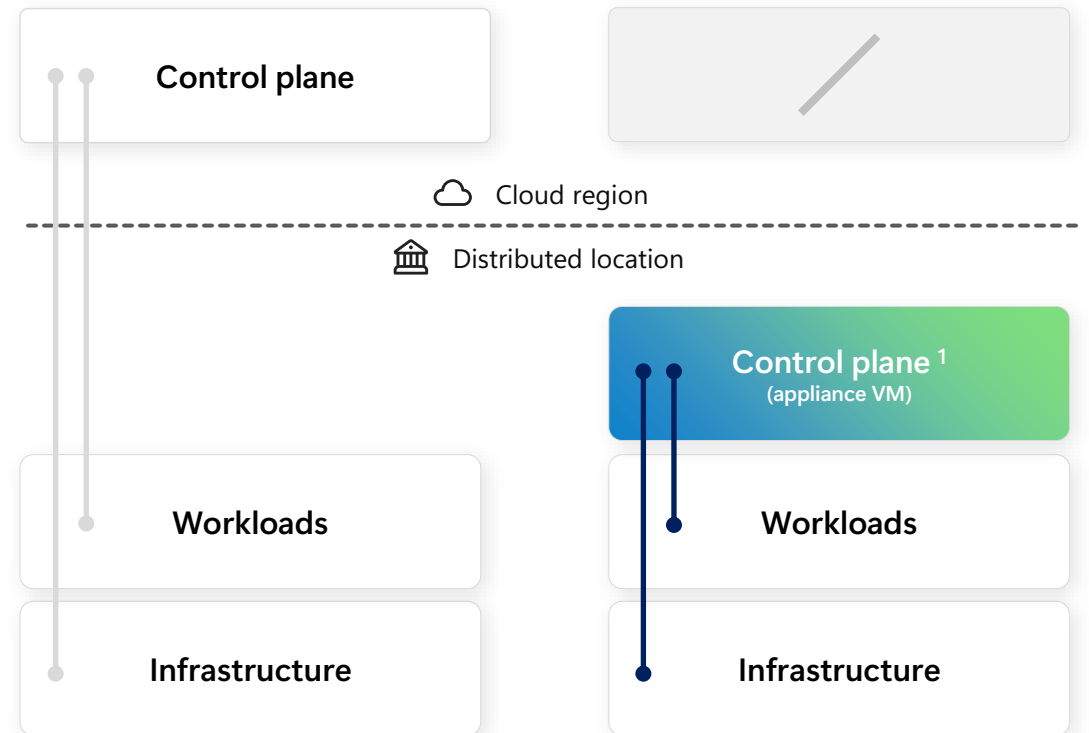
Host backend Azure resource manager, portal, and services in local appliance VM

Subset of services available:

Portal	ARM	Copilot	Key Vaults	Policy ²	Defender
Local	Machines	Kubernetes	Registries	AVD	Others

Azure Local
(connected)

Azure Local
disconnected



1: Available only to customers who prequalify based on industry, use case, and other considerations 2: Partial functionality

- Create a resource
- Dashboard
- All services
- FAVORITES
- All resources
- Recent
- Resource groups
- Identity management
- Key vaults
- Subscriptions
- Azure Arc
- Machines - Azure Arc
- Kubernetes - Azure Arc
- Tags
- Resource Explorer
- Marketplace
- Container registries

My Dashboard

Private dashboard

New dashboard Refresh Full screen Edit Export Clone Delete

Marketplace

Feedback

All resources

All subscriptions Refresh

sclusterkvvuzk2Inx	Key vault
s-cluster	Azure Local
v-Host1	Machine - Azure Arc
v-Host2	Machine - Azure Arc
v-Host3	Machine - Azure Arc
v-Host4	Machine - Azure Arc

Azure Local with disconnected operations

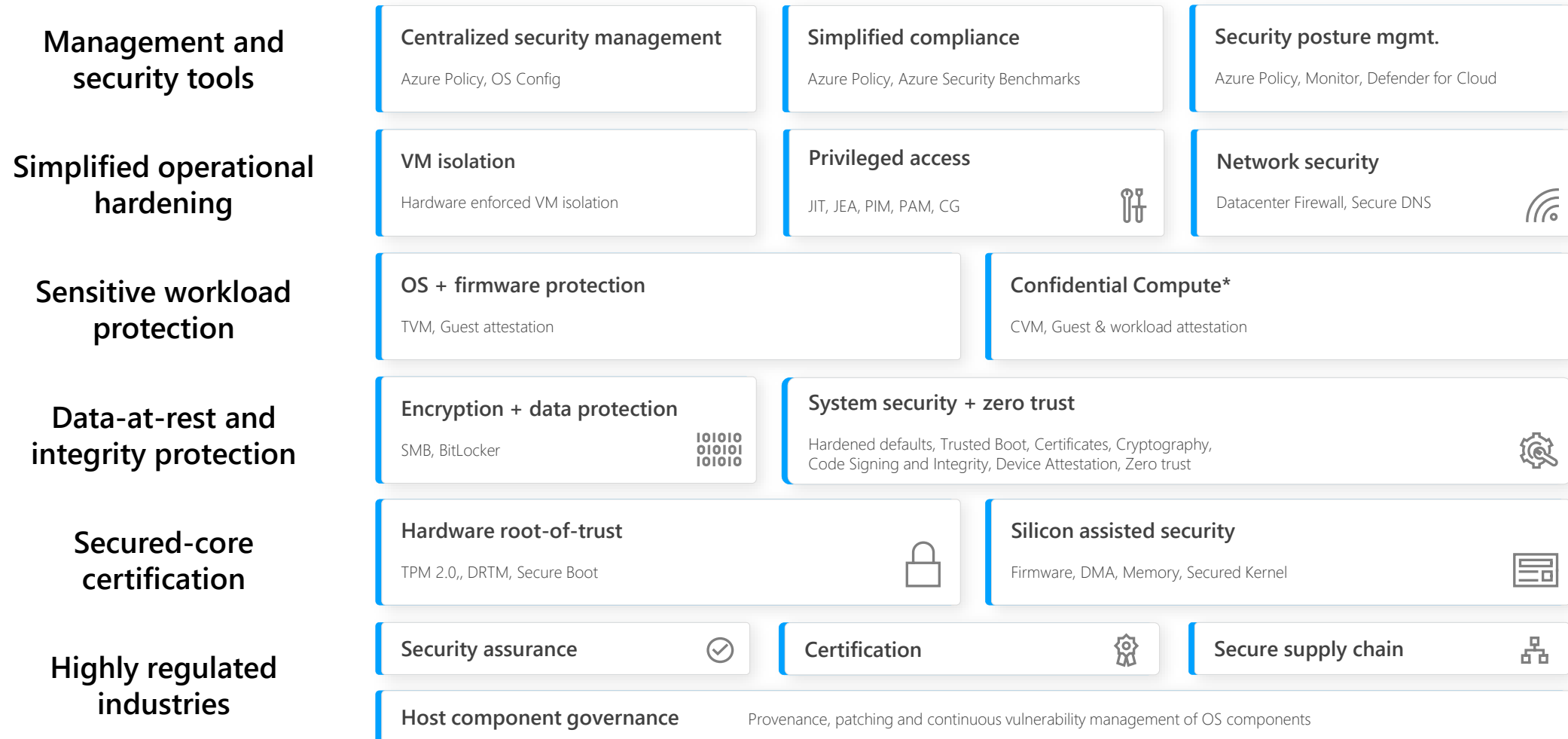


Azure Local

Enabled by Azure Arc

Extend cloud
security to your
distributed locations

Strong **default security** for apps and infrastructure



Home > Microsoft Defender for Cloud

Microsoft Defender for Cloud | Recommendations

Showing subscription 'AdaptiveCloudLab'

Search

Refresh Download CSV report Open query Governance report Guides & Feedback Switch to classic view

General

- Overview
- Getting started
- Recommendations**
- Attack path analysis
- Security alerts
- Inventory
- Cloud Security Explorer
- Workbooks
- Community
- Diagnose and solve problems
- Cloud Security
 - Security posture
 - Regulatory compliance
 - Workload protections
 - Data security
 - Firewall Manager

Search by title / resource

Risk factors == All Risk level == All Resource type == 6 selected

Group by title:

Add filter

Title	Affected resources	Risk factors
Machines should have a vulnerability assessment solution	49/106 resources	
Storage accounts should restrict network access using virtual network rules	47/53 Storage accounts	Exposure to the Internet
Machines should be configured securely (powered by MDVM)	19/21 resources	Exposure to the Internet Vulner
Diagnostic logs in Key Vault should be enabled	15/29 Key vaults	
Azure Local machines should meet Secured-core requirements	9/11 Azure Local	
Vulnerabilities in security configuration on your Linux machines should be remediate...	6/21 resources	Exposure to the Internet
Non-internet-facing virtual machines should be protected with network security gro...	6/14 Virtual machines	
Immutable (read-only) root filesystem should be enforced for containers	5/11 Kubernetes - Azure Arc	
Guest Attestation extension should be installed on supported Windows virtual machi...	5/5 Virtual machines	
Services should listen on allowed ports only	5/11 Kubernetes - Azure Arc	
Kubernetes clusters should disable automounting API credentials		

Microsoft Defender for Cloud with Azure Local

Network threat landscape: by the numbers

90%+



of all cyberattacks abused
Remote Desktop Protocol
(RDP) in 2023

[Source: Sophos, 2023](#)

3M+



Exposed RDP ports could be
protected with stronger
network security

[Source: Sophos, 2021](#)

Introducing network security groups (preview)

NEW



Protect network access with inbound and outbound allow and deny rules



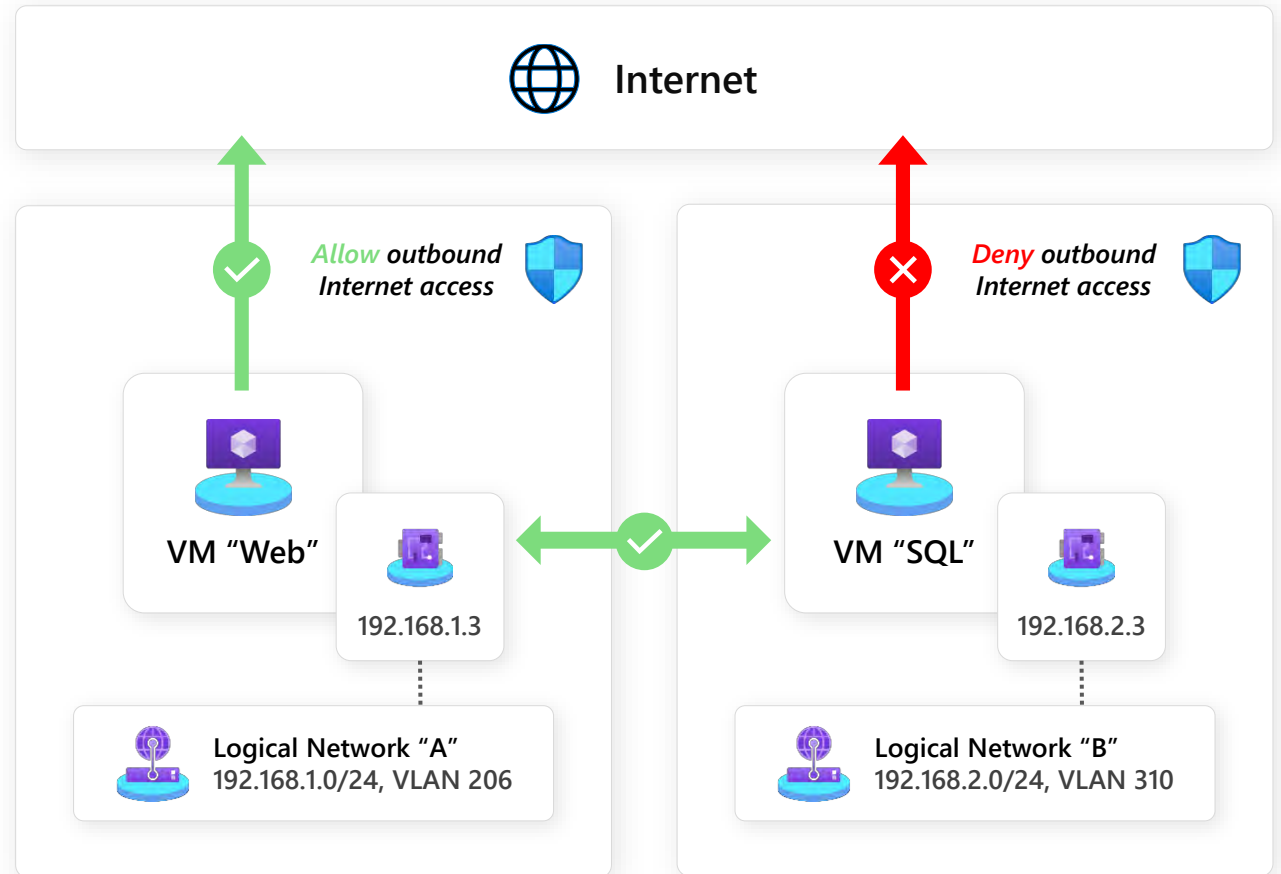
Complete 5-tuple control: source and destination IP, port, and protocol



Assign NSGs to individual VM interfaces or whole logical networks



Enforced within the virtual switch at the virtual port level



Home > Contoso-01 | Network security groups >

NetworkSecurityGroup-01

Azure Local Network Security Group

Search Delete Refresh

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Settings
 - Inbound security rules
 - Outbound security rules
 - VM network interfaces
 - Logical networks
 - Properties
 - Locks
- Automation
 - Tasks
- Help
 - Support + Troubleshooting

Essentials JSON View

Resource group : [Contoso-01](#) Security rules : 1 inbound, 0 outbound

Location : East US Associated with : [0 Logical network](#), [1 VM network interface](#)

Subscription : [AdaptiveCloudLab](#) Custom location : [Contoso-01](#)

Subscription ID : fba508b-cb61-4383-9cda-a42bfa0c7bc9

Tags ([edit](#)) : [Add tags](#)

Priority ↑	Name	Provisioning state	Port	Protocol	Source	Destination	Action	
Inbound security rules								
300	RDP	✔ Succeeded	3389	Any	Any	Any	✔ Allow	🗑
310	SSH	✔ Succeeded	22	Any	Any	Any	✘ Deny	🗑
Outbound security rules								
100	ContosoApp	✔ Succeeded	80, 443	TCP	LogicalNetwork	LogicalNetwork	✔ Allow	🗑
200	AllowLogs	✔ Succeeded	80, 443	TCP	Any	Internet	✔ Allow	🗑
4000	DenyAllOutBound	✔ Succeeded	Any	Any	Any	Any	✘ Deny	🗑

Network security groups with Azure Local

Low-level attacks are increasingly sophisticated

Firmware attacks are hard to detect, persistent across reboots

Example

“MoonBounce” (2022)



Description

Rootkit that targets UEFI
Simple Firmware Interface (SFI)

Result

Controls system remotely

Example

“CosmicStrand” (2022)



Description

Targets the (virtual) hardware
initialization components

Result

Data exfiltration
Installs more malware

Example

“BlackLotus” (2023)



Description

Boot kit (UEFI) that
bypasses Secure Boot

Result

Controls system remotely

Introducing Trusted launch for VMs (preview)

NEW



Secure Boot ensures only trusted software can run during boot



Boot Integrity extends the benefits of Secure Boot and identifies vulnerabilities



Microsoft Azure Attestation service regularly verifies TVM components ¹



Keys and secrets persist through VM movements (live migration, failover)

The screenshot displays the 'Create an Azure Arc virtual machine' wizard in the Microsoft Azure portal. The 'Instance details' section is visible, showing fields for 'Virtual machine name', 'Custom location', 'Virtual machine kind', 'Security type', and 'Storage path'. The 'Security type' dropdown is set to 'Trusted launch'. Below the wizard, the 'VirtualMachine01' overview page is shown, with the 'Security' section highlighted. The 'Security' section contains the following table:

Security	
Security type	Trusted launch
Enable Secure Boot	Enabled
Enable vTPM	Enabled
Integrity monitoring	Enabled (last updated 11/20/2024 8:00 AM)

¹ : Attestation visibility in Azure portal coming in Q1 2025.

Watch the demo

Extend cloud security to your distributed locations

Microsoft Azure

Home > Contoso-01 | Microsoft Defender for Cloud >

Recommendations

Refresh Download CSV report Open query Governance report Guides & Feedback Recommendations by risk

You may be viewing limited information. To request tenant-wide visibility, click here →

Secure score recommendations All recommendations

Secure score 51%

Active secure score recommendations 35/77

0 Attack paths We didn't find any attack paths in your environment. Learn more >

Name ↑↓	Max score ↓	Current score ↑↓	Potential score increase ↑↓	Status ↑↓	Unhealthy resources	Insights
Encrypt data in transit Host and VM networking should be protected on Azure Local...	4	4.00		Completed	0 of 61 resources	
Enable encryption at rest Azure Local systems should have encrypted volumes	4	0.00	+ 7%	Completed	12 of 22 resources	
Implement security best practices Azure Local machines should meet Secured-core requirements	Not scored	Not scored		Unassigned	3 of 10 Azure Local	
Apply adaptive application control Azure Local machines should have consistently enforced appl...	Not scored	Not scored		Completed	61 of 226 resources	
				Unassigned	9 of 10 Azure Local	
				Completed	0 of 10 resources	
				Unassigned	4 of 10 Azure Local	

aka.ms/AzureLocalSecurityDemo
(2 mins 51 secs)



Review

Operate and scale with the power of the cloud

- Deploy from the cloud
- Scale with infra-as-code
- One-click updates
- Central visibility

Ready for all your apps: VMs and containers alike

- Full-featured, general-purpose VMs
- Migrate from VMware (preview)
- AKS built-in and included
- App, data, and AI services (preview)

Flexibility to meet your requirements and budget

- Choose your hardware
- Accelerate with GPUs
- Low-spec, low-cost options
- Disconnected operations (preview)

Extend cloud security to your distributed locations

- Secure by default
- Microsoft Defender for Cloud
- Network security groups
- Trusted launch

Azure Local (partial) product roadmap *

○ Preview ● GA

Fall 2024 Spring 2025 Fall 2025 Spring 2026



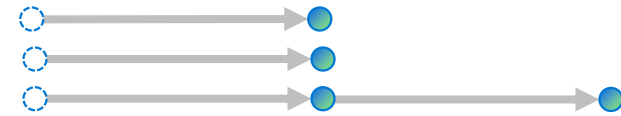
Operate and scale with the power of the cloud

Azure Arc gateway for simpler connectivity
Zero-touch OS provisioning from cloud
Day N cluster/storage/network management



Ready for all your apps: VMs and containers alike

Migrate from VMware
Hydrate pre-existing VMs into Azure Arc
VMs features: day N operations, OS disk, gallery, connect



Flexibility to meet your requirements and budget

Low-spec, low-cost hardware options
Local identities (no on-prem Active Directory)
Rack-aware clustering to replicate between rooms



Extend cloud security to your distributed locations

Remediate Defender recommendations
Software-defined networking
Trusted launch (including attestation)



* IMPORTANT: Forward-looking roadmap is subject to change. It should not be interpreted as a commitment on the part of Microsoft, and Microsoft cannot guarantee its accuracy.

Azure Local packaging and pricing

Software subscription billed through Azure

Flat monthly fee covers complete infrastructure software stack: compute, networking, storage, Kubernetes, and management

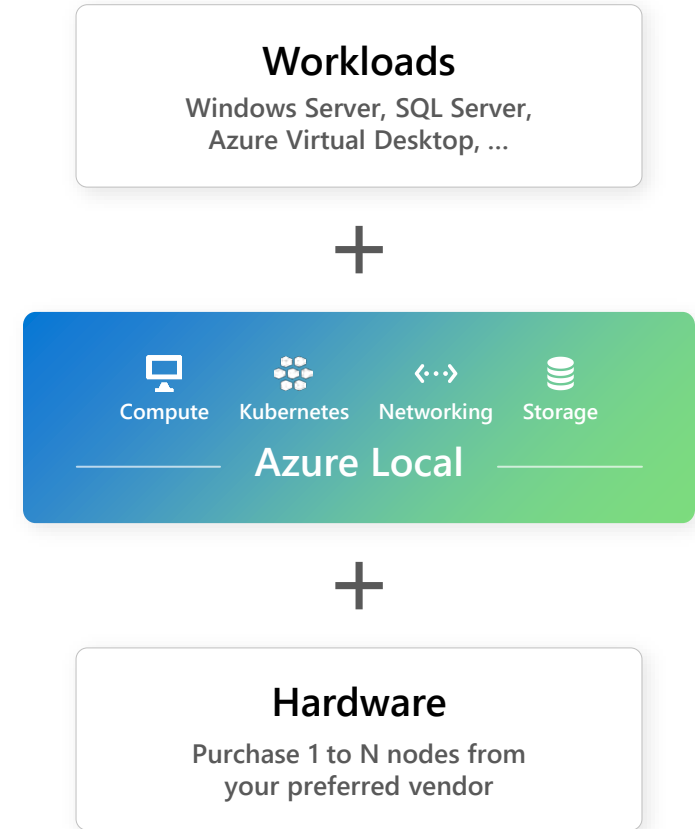
List price 10 USD/physical core/month ¹

Hardware purchased separately from your OEM

Workloads may have their own licensing (e.g., Windows)

Additionally,

- Azure Local is available preinstalled from select partners (OEM license).
- Customers with active Windows Server Datacenter Software Assurance (SA) may exchange their licensed cores for the same number of cores of Azure Local at no additional cost. Please refer to product terms for details.



¹ : Applies to connected machines. Pricing for disconnected operations (preview) has not been announced.

Recognized Leader

2024 Gartner® Magic Quadrant™ for Distributed Hybrid Infrastructure

Read [the blog](#)



Azure Local frequently asked questions

How is Azure Local related to Azure Arc?

Azure Arc is a bridge that extends Azure to existing environments and other clouds. Azure Local is an infrastructure solution that includes all the capabilities of Azure Arc built-in and set up automatically. Use Azure Local when you need new or refreshed infrastructure at distributed locations. Use Azure Arc when your environment already has infrastructure.

What happens to Azure Stack HCI?

Azure Stack HCI is now part of Azure Local. The same features and functionality continue to be offered under the new name. There is no action required for existing customers. Compared to before, Azure Local provides additional flexibility and features: it supports lower-spec hardware (preview), disconnected operations (preview), additional services, and more.

What happens to Azure Stack Hub and Azure Stack Edge?

Microsoft recommends Azure Local for most situations where infrastructure is needed at distributed locations. Once lower-spec hardware (preview) and disconnected operations (preview) are generally available, Azure Local will offer the same capabilities as prior Azure Stack products. Until then, there is no change to Azure Stack Hub and Azure Stack Edge: they remain available as standalone products, separate from Azure Local.

Is Azure Local managed by Microsoft?

No, you own the hardware and have operational control of your Azure Local environment. Day-to-day monitoring, management, support, and other functions are surfaced through Azure tools, but actions are customer-initiated. For example, when a software update is available, a notification appears in the Azure portal, but you control when it gets applied.

Is Azure Local a replacement for VMware?

Azure Local is not designed to replace datacenters or support large-scale migrations from VMware. For most VMware migrations, Microsoft recommends using Azure VMware Solution, which offers the fastest and easiest path to the cloud, allowing IT administrators to leverage their existing VMware skills and subscriptions.

Azure Local can be an option for certain durably on-premises use cases, particularly for edge solutions in industries such as manufacturing and retail where customers have many distributed locations. Azure Local uses the Hyper-V hypervisor to run VMs and Azure Kubernetes Service enabled by Azure Arc to run container applications. This makes it a viable solution for customers with on-premises VMware workloads in the scenarios above who also want to move away from VMware licensing.

How do I buy Azure Local?

Review networking and other prerequisites and then browse the solutions catalog to find validated hardware from your preferred vendor. Many solutions come with the Azure Local software preinstalled and ready to use. If not, you can download and install Azure Local software from the Azure portal. Once installed, Azure Local connects to Azure for day-to-day management. Azure Local is billed automatically to your Azure subscription – see pricing for details.

Learn more: aka.ms/AzureLocal



Thank you!

Azure Local

Enabled by Azure Arc