Azure Hybrid by design

Azure hybrid by design

Native integration with Azure Arc and Azure Monitor

Connect to hybrid services like Azure Security Center, Azure Backup, and Azure Site Recovery

Monitor and manage clusters at scale from Azure

Centrally manage VMs from Azure Portal

Fleet management for hosts and VMs

Always up to date HCI as a service

Regular and consistent feature and security updates

Unified Azure billing

Leverage existing Azure support

AKS on AzureStack HCI

Familiar Kubernetes application platform available on Atout Stack HCI

Azure hybrid by design

AKS-consistent Kubernetes cluster management

Easy AKS deployment on Azure Stack HCI

Built-in Azure Arc capability

Best platform for .NET apps on-premises

Support for both Linux and Windows applications

Differentiated container solution for Windows

Local administration with Windows Admin Center

Built-in security

Secure and trusted platform

Single and consistent identity

Always up-to-date like Azure

The offer "Atout Stack HCI »

The proposed approach by PI Services

1. Hybrid Cloud Solutions Overview

Azure Stack HCI fundamentals

Azure Stack HCI hardware

Centralized cloud management services

Azure Cost and licensing requirements

2. Define Hybrid Cloud use case

Understand current IT

Detailed overview and integration with Azure Hybrid Services

Hands-on labs

Define POC

3. Deliverables

Technical and financial justification for POC

High-level use case design

Hands-on scenarios

Azure Stack HCI hybrid all up

Site Recovery

Backup

Update Management

File

Monitor

Security Center

Applications .NET Java GO

Windows

Linux

Containers

App Services

Data Services

Virtual machines
Any size and configuration

Azure Kubernetes Service
Managed container platform

Azure Stack HCI
Hyperconverged infrastructure software stack

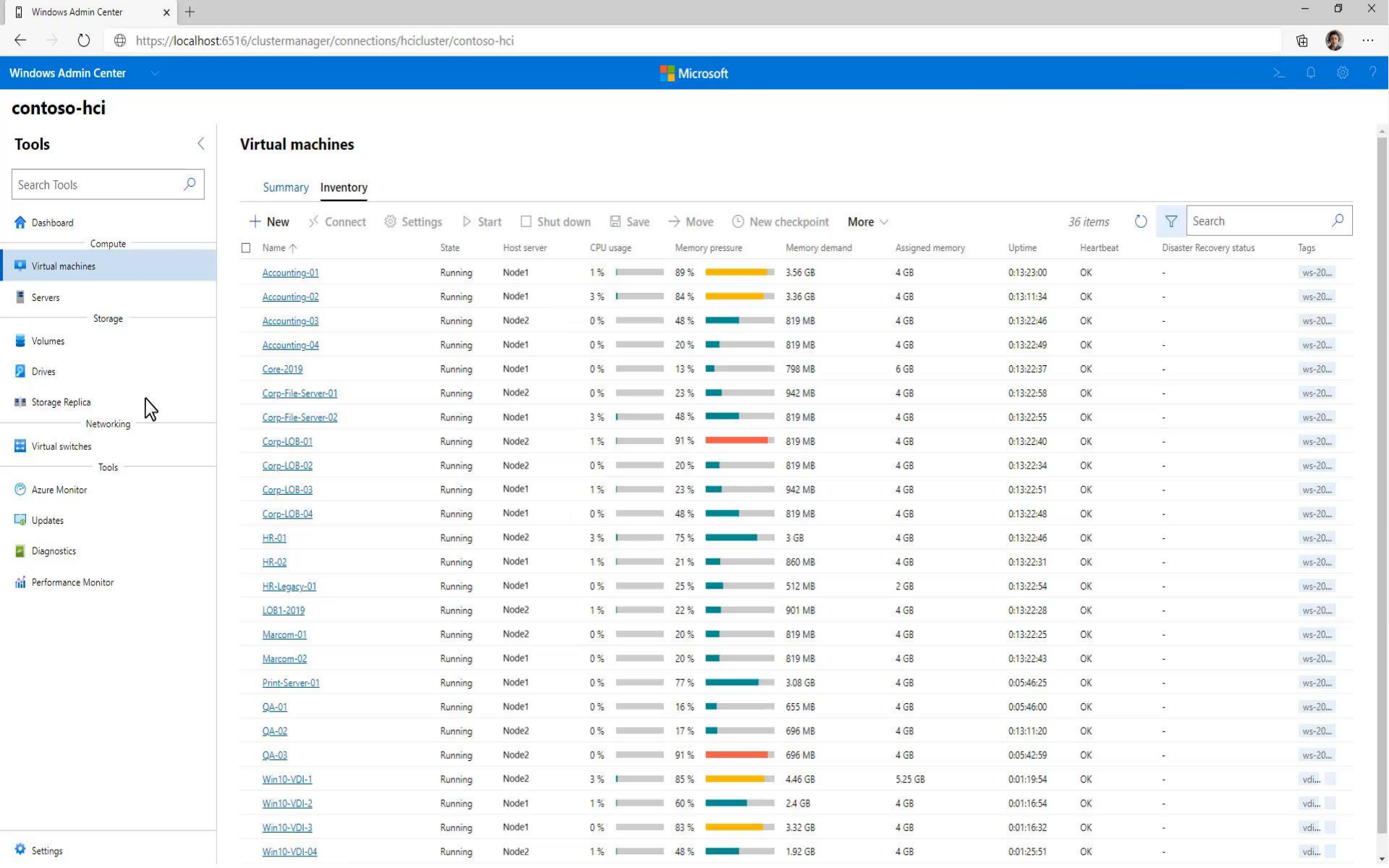
Hardware ecosystem
200+ solutions, validated by Microsoft

Azure Arc
For cloud management

Azure Portal

Azure Arc

Windows Admin Center
Edge-local management


Windows Admin Center
https://localhost:6516/clustermanager/connections/hicluster/contoso-hci
Windows Admin Center
Microsoft
contoso-hci
Tools
Search Tools
Dashboard
Compute
Virtual machines
Servers
Storage
Volumes
Drives
Storage Replica
Networking
Virtual switches
Tools
Azure Monitor
Updates
Diagnostics
Performance Monitor
Settings
Virtual machines
Summary
Inventory
New
Connect
Settings
Start
Shut down
Save
Move
New checkpoint
More
36 items
Search
Name
State
Host server
CPU usage
Memory pressure
Memory demand
Assigned memory
Uptime
Heartbeat
Disaster Recovery status
Tags
Accounting-01 Running Node1 1 % 89 % 3.56 GB 4 GB 0:13:23:00 OK - ws-20...
Accounting-02 Running Node1 3 % 84 % 3.36 GB 4 GB 0:13:11:34 OK - ws-20...
Accounting-03 Running Node2 0 % 48 % 819 MB 4 GB 0:13:22:46 OK - ws-20...
Accounting-04 Running Node1 0 % 20 % 819 MB 4 GB 0:13:22:49 OK - ws-20...
Core-2019 Running Node1 0 % 13 % 798 MB 6 GB 0:13:22:37 OK - ws-20...
Corp-File-Server-01 Running Node2 0 % 23 % 942 MB 4 GB 0:13:22:58 OK - ws-20...
Corp-File-Server-02 Running Node1 3 % 48 % 819 MB 4 GB 0:13:22:55 OK - ws-20...
Corp-LOB-01 Running Node2 1 % 91 % 819 MB 4 GB 0:13:22:40 OK - ws-20...
Corp-LOB-02 Running Node2 0 % 20 % 819 MB 4 GB 0:13:22:34 OK - ws-20...
Corp-LOB-03 Running Node1 1 % 23 % 942 MB 4 GB 0:13:22:51 OK - ws-20...
Corp-LOB-04 Running Node1 0 % 48 % 819 MB 4 GB 0:13:22:48 OK - ws-20...
HR-01 Running Node2 3 % 75 % 3 GB 4 GB 0:13:22:46 OK - ws-20...
HR-02 Running Node1 1 % 21 % 860 MB 4 GB 0:13:22:31 OK - ws-20...
HR-Legacy-01 Running Node1 0 % 25 % 512 MB 2 GB 0:13:22:54 OK - ws-20...
LOB1-2019 Running Node2 1 % 22 % 901 MB 4 GB 0:13:22:28 OK - ws-20...
Marcom-01 Running Node2 0 % 20 % 819 MB 4 GB 0:13:22:25 OK - ws-20...
Marcom-02 Running Node1 0 % 20 % 819 MB 4 GB 0:13:22:43 OK - ws-20...
Print-Server-01 Running Node1 0 % 77 % 3.08 GB 4 GB 0:05:46:25 OK - ws-20...
QA-01 Running Node1 0 % 16 % 655 MB 4 GB 0:05:46:00 OK - ws-20...
QA-02 Running Node2 0 % 17 % 696 MB 4 GB 0:13:11:20 OK - ws-20...
QA-03 Running Node2 0 % 91 % 696 MB 4 GB 0:05:42:59 OK - ws-20...
Win10-VDI-1 Running Node2 3 % 85 % 4.46 GB 5.25 GB 0:01:19:54 OK - vdi...
Win10-VDI-2 Running Node1 1 % 60 % 2.4 GB 4 GB 0:01:16:54 OK - vdi...
Win10-VDI-3 Running Node1 0 % 83 % 3.32 GB 4 GB 0:01:16:32 OK - vdi...
Win10-VDI-04 Running Node2 1 % 48 % 1.92 GB 4 GB 0:01:25:51 OK - vdi...