



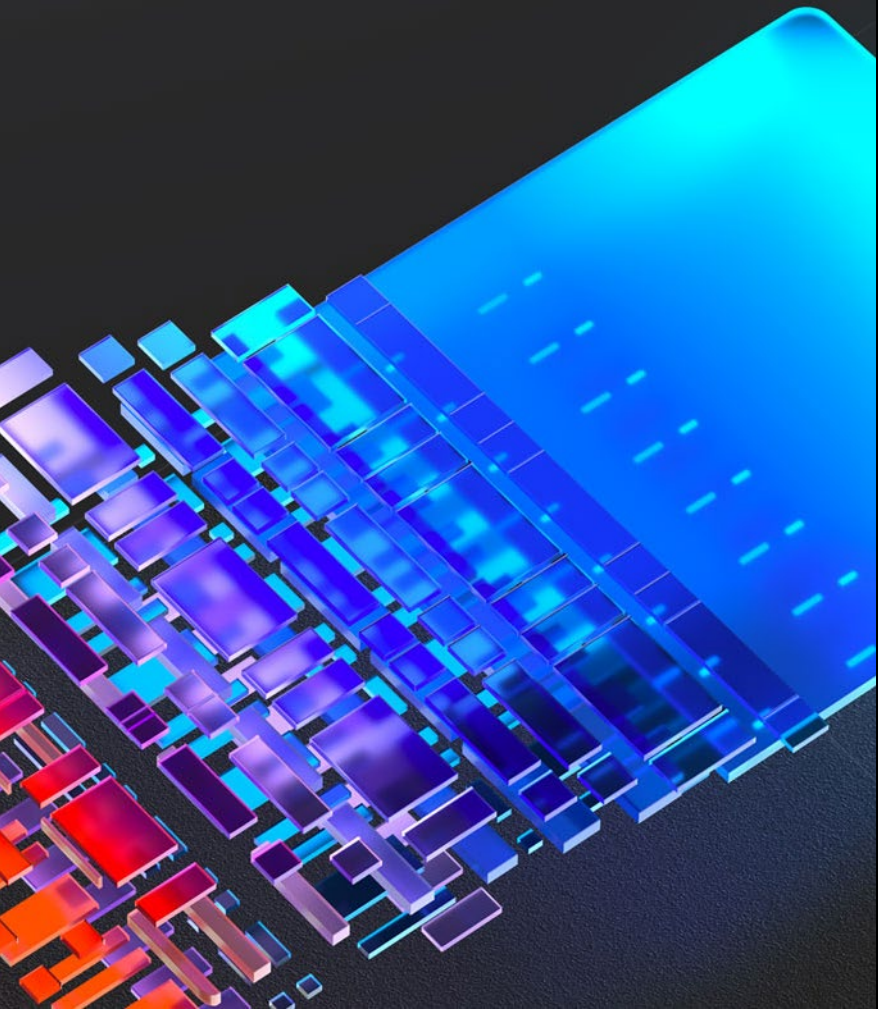
Microsoft Ignite





Latest Azure innovation for Windows Server and SQL Server

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THANK
YOU

Windows Server 2022

PUBLIC PREVIEW



Advanced multi-layer security



Hybrid capabilities with Azure



Flexible application platform



Advanced multi-layer security

Elevate your security posture of your organization starting with the operating system

Secured-core server

Secure hardware, firmware, and OS capabilities to help protect against threats



Simplified security



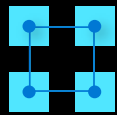
Advanced protection



Preventative defense

Secure connectivity

Latest in network security innovation for Windows Server



Transport Layer



Secure DNS



SMB Hardening



Hybrid capabilities with Azure

Extend your datacenter to Azure for greater IT efficiency

Azure Arc enabled Windows Servers



Reach

NEW GA

Windows Server
2008 R2 support



Management

NEW GA

Easy onboarding
AWS workloads



Governance
and security

NEW PREVIEW

Azure Key Vault
certificate management
for on-premises servers



← Any infrastructure, same tools →



Hybrid-optimized infrastructure

Azure Stack HCI



Scalable virtualization and storage

Great for **Windows Server** and Linux

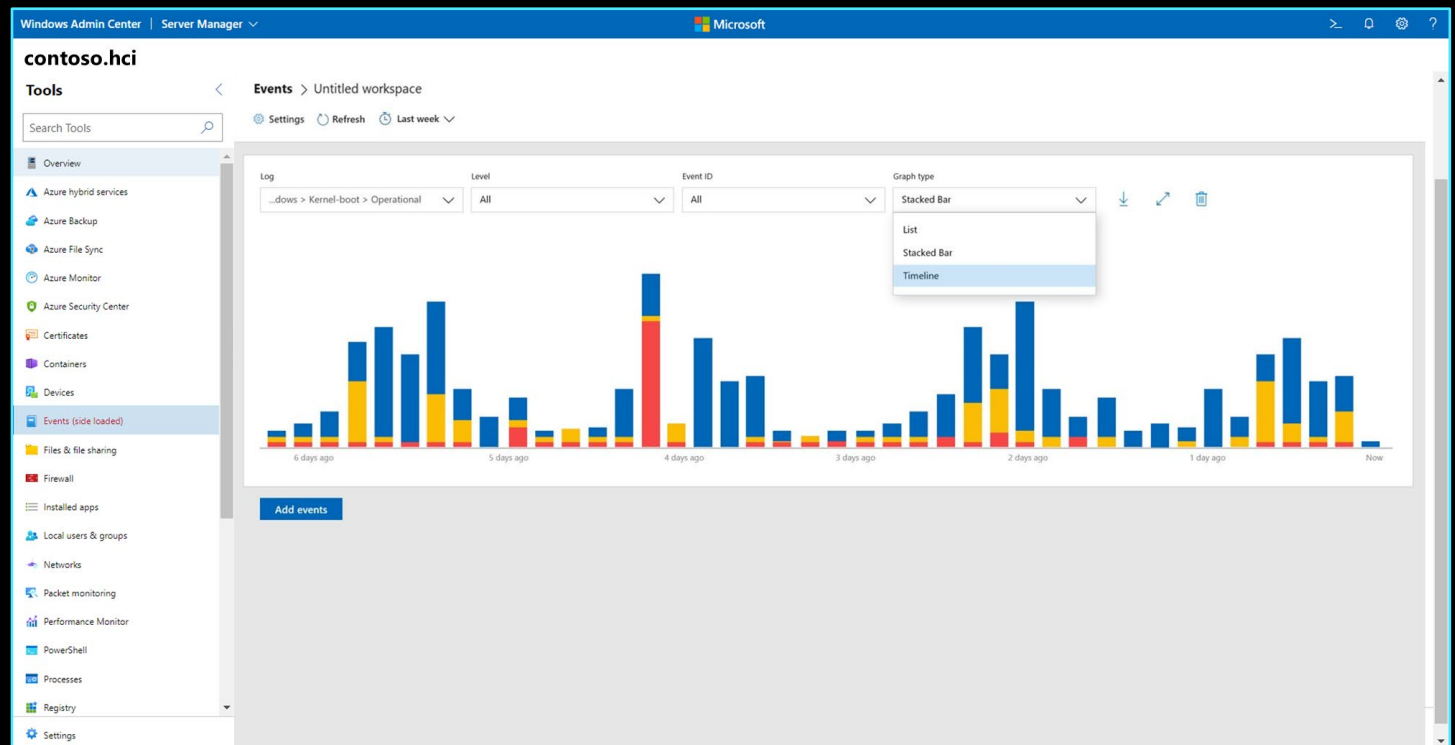
Native support for **Azure Kubernetes Service**

Native support for **Arc-enabled services**

Native support for **Arc control plane**

Manage Windows Server from anywhere with Windows Admin Center v2103

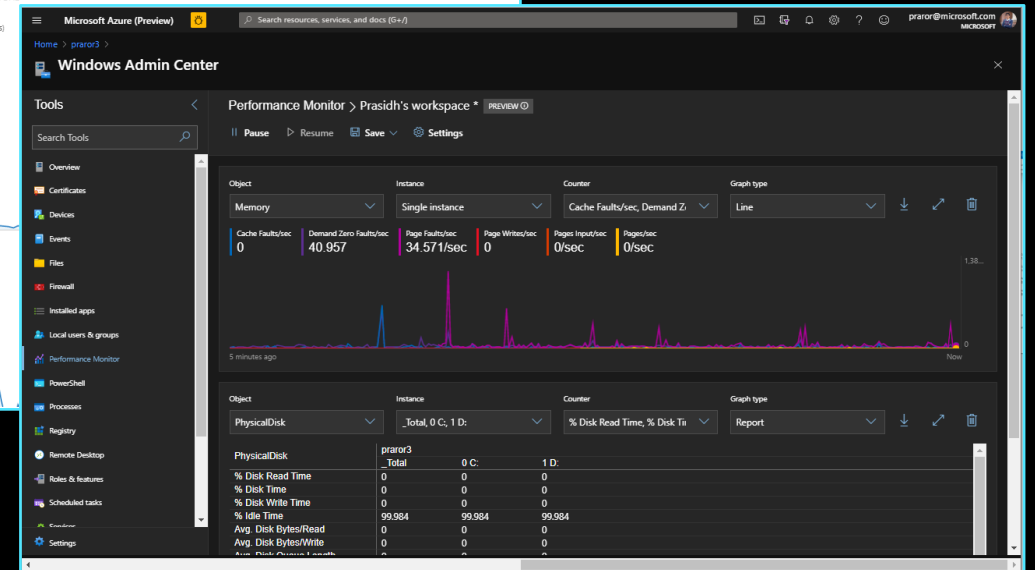
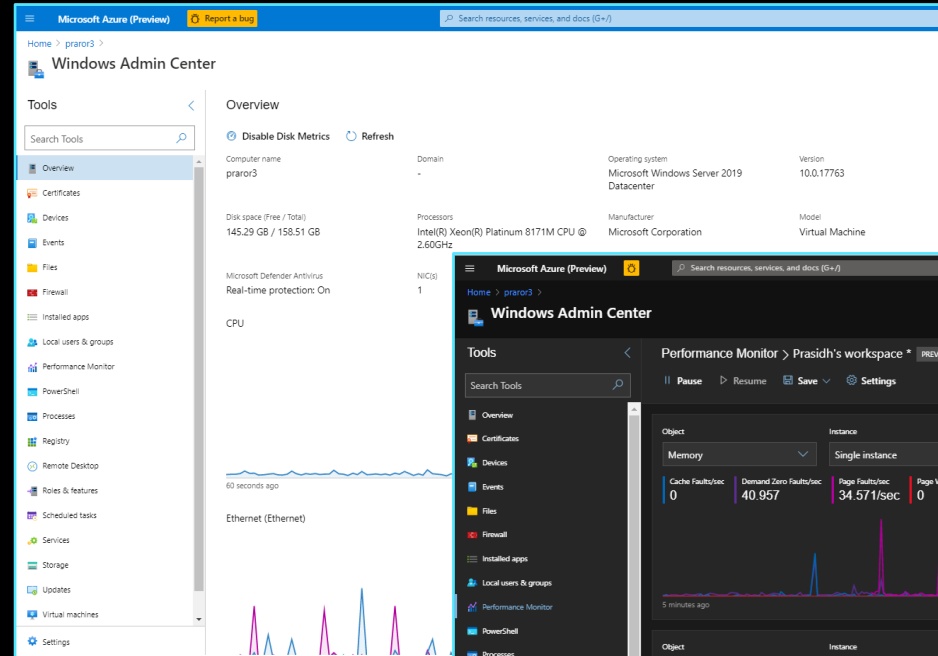
GENERALLY AVAILABLE





Windows Admin Center

Available in Public Preview Azure





Flexible application platform

Empower developers and IT pros with an application platform to build and deploy diverse applications

An abstract graphic on the left side of the slide, featuring a dark background with a glowing blue and purple geometric shape that resembles a server rack or a stylized 'L' shape. The shape is composed of many small, rectangular blocks, some of which are highlighted in red and orange at the bottom left corner.

SQL Server: Better together with Windows Server 2022

48 TB Memory

64 sockets | 2048 logical processors

Confidential computing

Accelerate App Modernization



Better Container platform



Increased app compatibility



More Kubernetes integration

Modernize apps on AKS on Azure Stack HCI



+



+



+



Azure hybrid by design

Consistent with AKS on Azure



Familiar capabilities for Windows apps



Built-in security

Better tooling for lift-and-shift

Container tool in Windows Admin Center



Container

Overview

Containers

Images

Networks

Volumes

Azure Cont

Azure Cont

Create Image PREVIEW ⓘ

Create a new container image based on an existing app.

Use an existing docker file ☐

Application Type * ⓘ Windows IIS Web Application

Application source type * ⓘ Web Deploy (Exported ZIP file)

Web deploy package path * ⓘ C:\ViniBeer\ViniBeerWebDeploy.zip Browse

Framework version * ⓘ .Net Framework 4.8

Additional scripts to run ⓘ Browse

Image name * ⓘ

Image tag * ⓘ

Dockerfile preview

```
# escape=
FROM mcr.microsoft.com/dotnet/framework/aspnet:4.8-windowsservercore-ltsc2019
WORKDIR /app
```

Build



Customer challenges

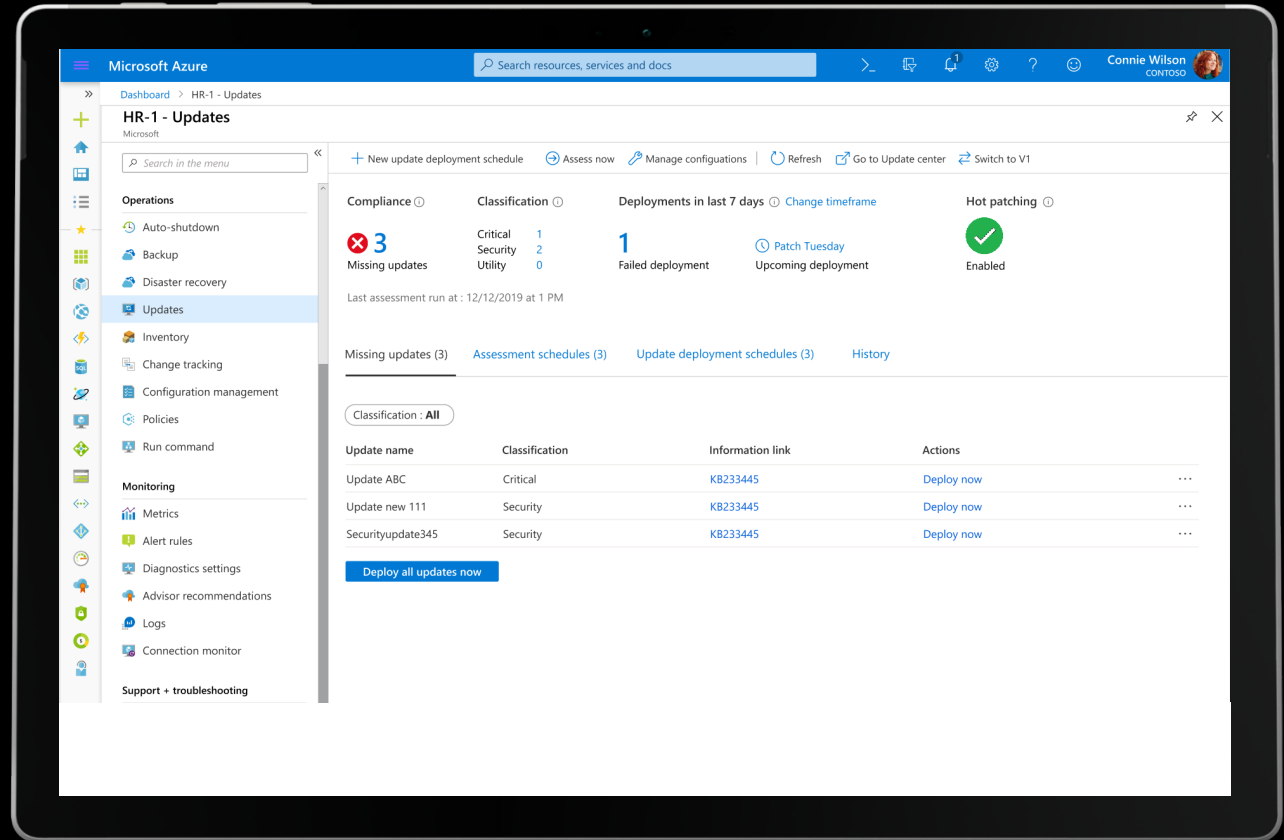
IT management is complex

- 1 Reducing OpEx costs
- 2 Improving operational security
- 3 Optimizing operations
- 4 Keeping pace with cloud innovation

Azure Automanage



Azure Automanage for Windows Server





Expanding Azure Automanage to Linux

Support for all major Linux distributions—
CentOS, RHEL, Ubuntu, and SLES

Deploy Automanage on your Linux VMs using
the Azure portal, ARM templates, or Azure Policy—
just like you would for Windows VMs today

Key services include backup, monitoring,
update management, security center, and more!

Azure SQL

Infrastructure-as-a-service



SQL Server on Azure Virtual Machines

Platform-as-a-service



Azure SQL Managed Instance



Azure SQL Database

Edge computing



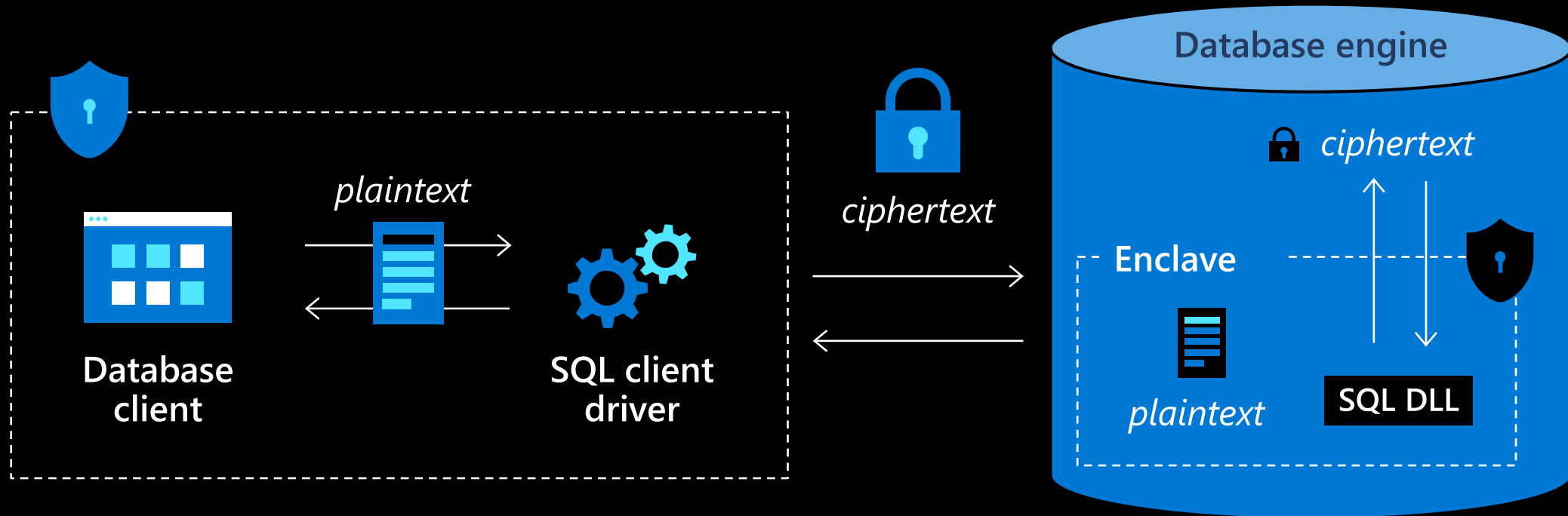
Azure SQL Edge

Always encrypted with secure enclaves

SQL Server on Azure VMs and now in preview for Azure SQL Database

Protects sensitive data in use

—while providing rich confidential computing capabilities



Windows Server and SQL Server

Run best on Azure



Unbeatable
offers



Unparalleled
innovation



Seamless hybrid
capabilities



Unmatched
security

Cloud infrastructure you can **trust** to run your business

SCALABLE | EFFICIENT | RESILIENT



Azure Migration Program (AMP)

Simplify your path to the cloud

Migrate with confidence with the right expert help at every stage



Proven
methodology:
Cloud Adoption
Framework
for Azure



Cost-effective
offers & incentives



Technical skill
building



Free cloud
migration tools:
Azure Migrate



In-depth
assistance from
FastTrack for Azure
engineers



Expert help from
specialized
partners

Nominate Windows Server, SQL, Linux, WVD migration projects—[Azure.com/AMP](https://azure.com/AMP)

Own your future

Try Azure Automanage
preview

Upgrade to Windows
Admin Center v2103

Sign up to insiders for
Windows Server 2022

Take advantage of
Azure Hybrid Benefit

**Microsoft
Learn**

13 Learning Paths for
Windows Server

**Windows Server
& SQL Server Docs**

Deep technical
resources

**Training
videos**

Tech Community
Video Hub

Virtual Training Day



<https://aka.ms/WS-SQL-resources>

