



# Microsoft Ignite Recap 2022 Community Edition



# Azure Bonn Event Tipps

- 26.10. [OWASP Frankfurt – Azure Security & DevSecOps](#)
- 15.11. [aMS Aachen](#)
- 18. – 19.11. [Cloud Brew Belgium](#)
- 08.12. Azure Bonn - Weinachtsmeetup
- 13.12. [Azure Developer Day Munich](#)

# Podcasts



[www.cloudinspires.me](http://www.cloudinspires.me)



# AzureBonn News

- Ihr möchtet gern selbst als Speaker teilnehmen?
  - [Azure Bonn Session Umfrage](#)
  - <https://bit.ly/2UPQPGj>

# Speaker und Themen



Thomas Naunheim

Azure Identity News

<https://www.cloud-architekt.net/>



René de la Motte & Daniel Kordes

Microsoft 365 News

[Daniel und René – M365 im Alltag](#)



Marcel Meurer

AVD News

[Home | ITProCloud Blog](#)



Gregor Reimling

Azure IaaS News

<https://www.reimling.eu>

# Agenda

- 18:40 Azure Identity News von Thomas
- 19:00 Azure News von Gregor
- 19:25 AVD News von Marcel
- 19:45 Pause
- 19:55 Microsoft 365 News von René und Daniel
- 20:40 Q&A und Ende

# Voice Focus



# Renaming

Microsoft Endpoint Management (MEM) = Intune

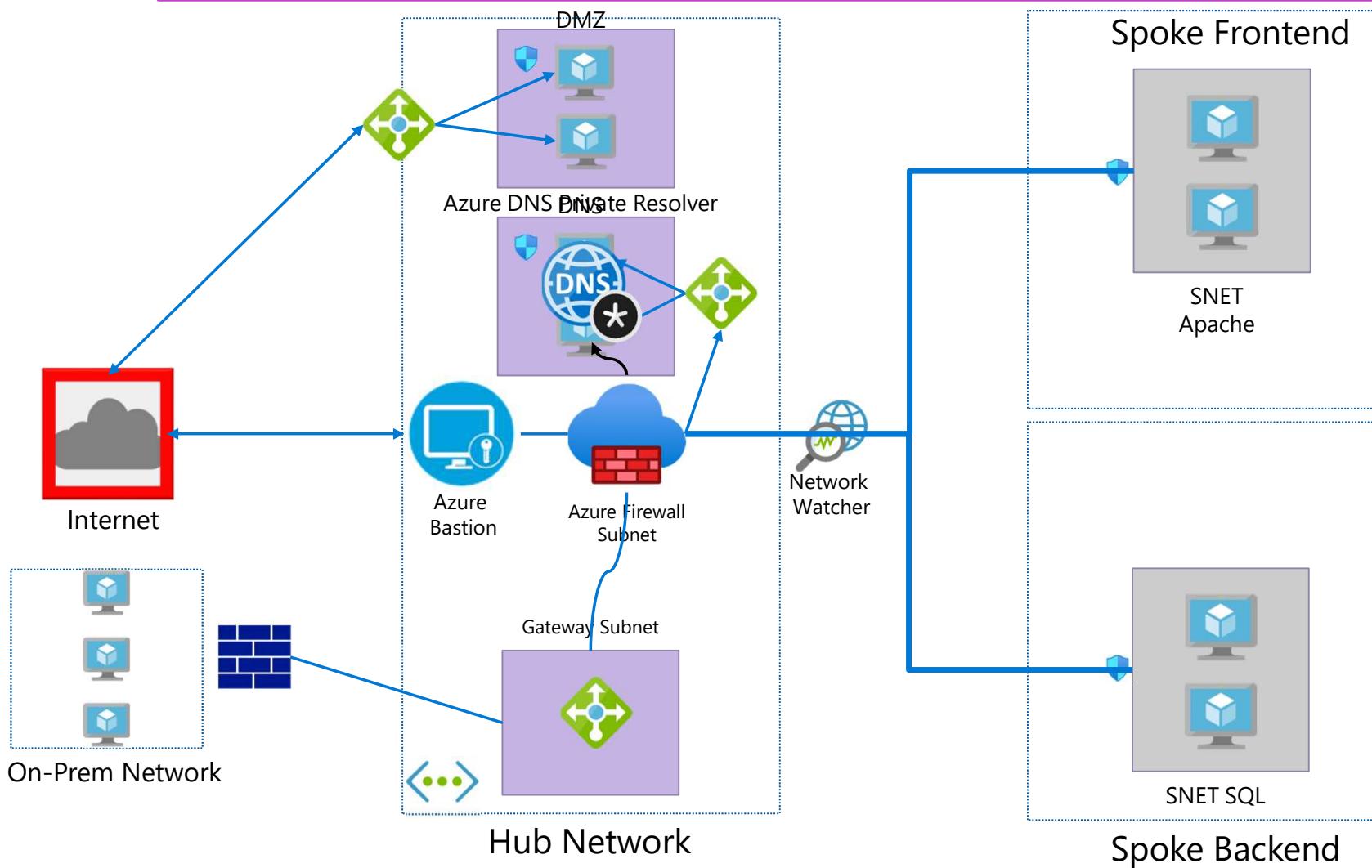


# Azure Management

Gregor Reimling



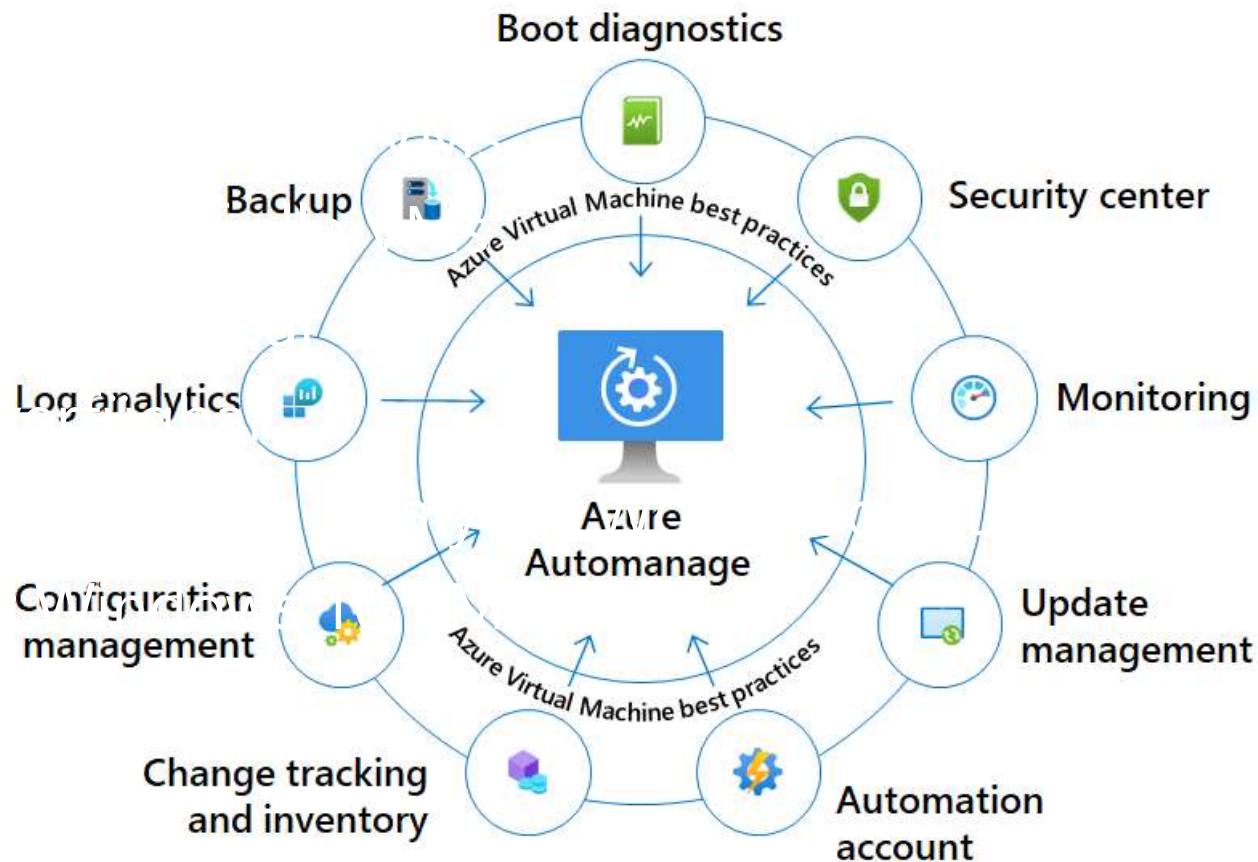
# Azure DNS Private Resolver



# Azure Automanage GA

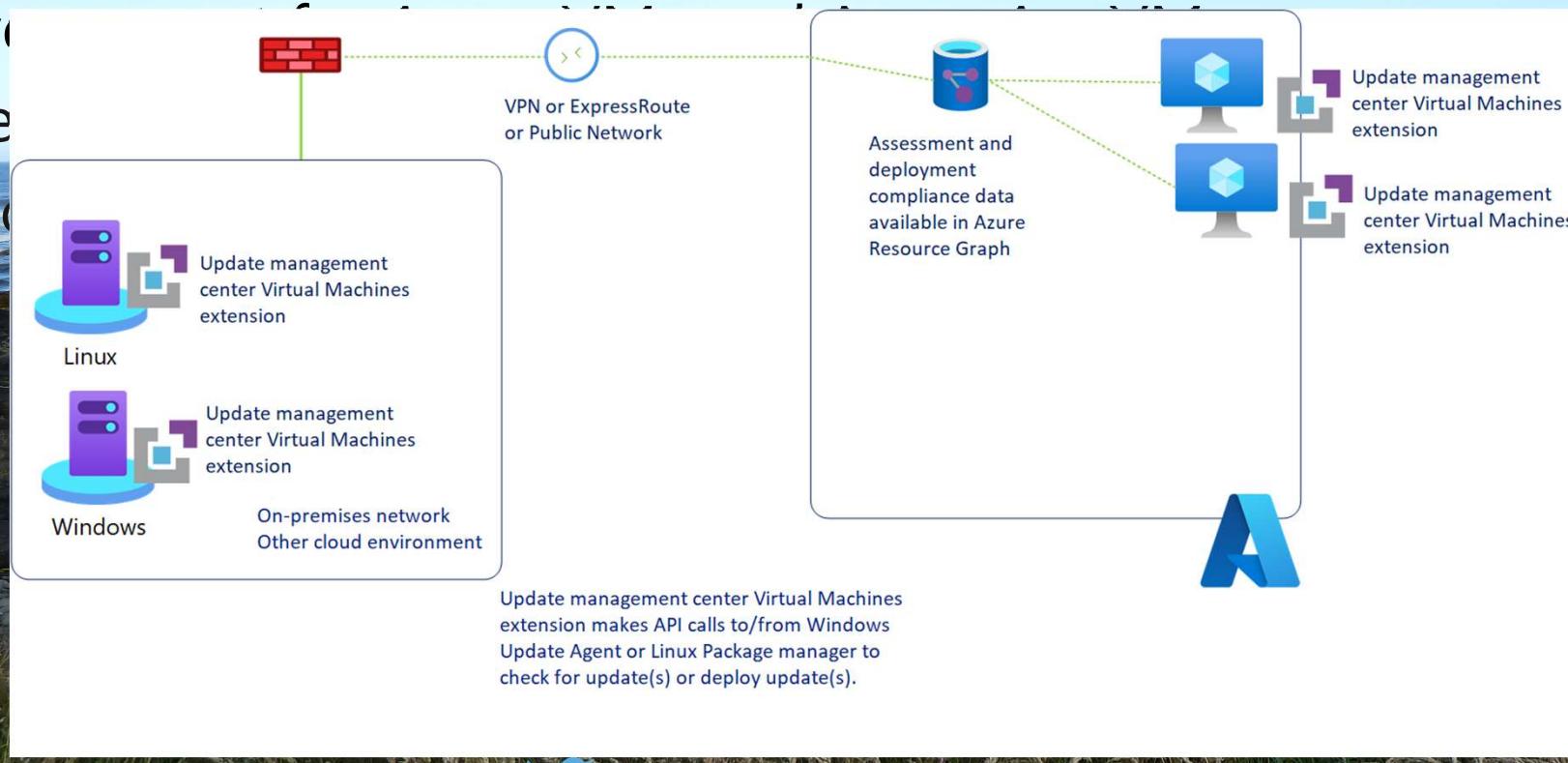


- Bringt Automatisiert Best Practices Konfiguration für alle VMs in den Tenant
- Für Windows und Linux
- Über Azure Marketplace
- Vollständig integriert
- Kostenfrei
- Vorkonfiguriert
- Support für mehrere Sprachen



# Azure Update Management Center in Public Preview

- No dependency on Log Analytics and Azure Automation
- Native integration with Azure Resource Graph
- Azure Resource Graph support
- Support for Linux and Windows



@azupdatecenter

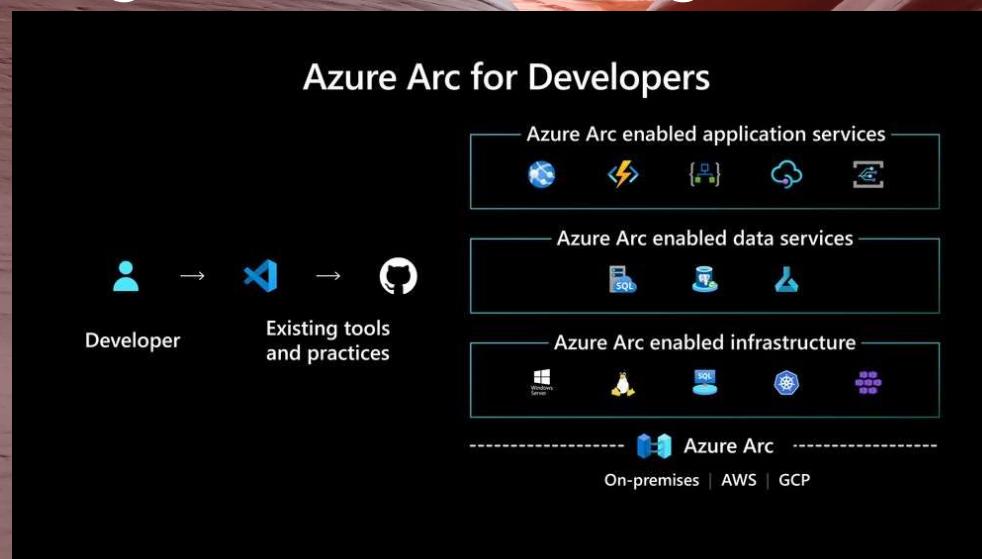
# Premium SSD v2

- New
- Improved
- Up to 3.0
- 120 IOPS
- 80
- Online
- Is C

Azure Disk Type Overview					
DiskType	Standard HDD	Standard SSD	SSD Premium	SSD Premium v2	SSD Ultra
<b>Capacity</b>	32GB up to 32TB	4GB up to 32TB	4GB up to 32TB	1GB up to 64TB	4GB up to 64TB
<b>IOPS</b>	500-2.000 IOPS depend on Disk size	120 (4GB) up to 6.000 (32TB)	120 (4GB) up to 20.000 (32TB)	3.000 free up to 80.000 IOPS	1.200 (4GB) up to 160.000 (64TB)
<b>Read latency</b>	>20ms	>9ms	>5ms	not yet known	>5ms
<b>Write latency</b>	>10ms	>9ms	>5ms	not yet known	>5ms
<b>Throughput (MB/sec)</b>	500-2.000MB/sec	25 (32GB) up to 750 (32TB)	25 (32GB) up to 900 (32TB)	125 free up to 1200	300 (4GB) up to 2.000 (64TB)
<b>Support as Boot Drive</b>	Yes	Yes	Yes	No - only as data disk	No - only as data disk
<b>Cost for transactions</b>	Yes	Yes	No - included		No - included
<b>Support all VMs</b>	Yes	Yes	No - Only compatible VMs	No - Only compatible VMs	Only compatible VMs (mostly D- and E- series)
<b>Change performance at runtime</b>	No	No	No		Yes
<b>Support Azure Backup</b>	Yes	Yes	Yes		No
				Only available in West Europe and East US upon request Only available with availability zones	Availability for selected VMs in selected Regions
<b>Notice</b>					

# Azure Arc

- Hybrid Azure Kubernetes Service
  - Deploy AKS anywhere via Azure Arc
- Using Azure AD Credentials to login to SQL Server
- Automanage Integration
- Azure Update Management Center Integration



# Resizing of peered Networks is GA

- Resize Azure VNET address space without Downtime
- Recommend to resync the peered VNETs after resizing

[Generally available: Resizing of peered virtual networks | Azure updates | Microsoft Azure](#)

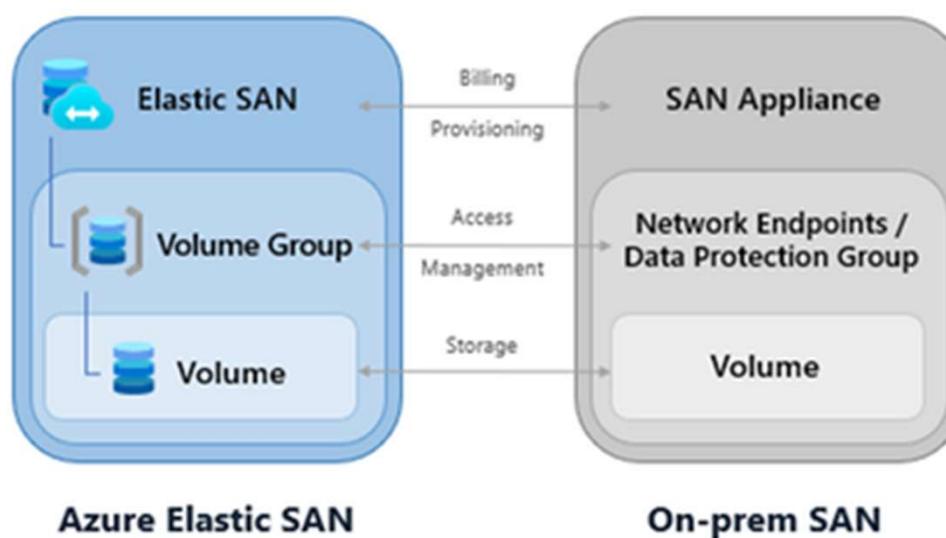
## Public preview of Private Link NSG Support

- Set SNET level property: **PrivateEndpointNetworkPolicies** to Enabled
- also register **Microsoft.Network/AllowPrivateEndpointNSG** feature
- Available in UsEast2Euap, UsCentralEuap, WestCentralUS, WestUS, WestUS2, EastUS, EastUS2, Asiaeast, Australiaeast, Japaneast, Canadacentral, Europenorth, Koreacentral, Brazilsouth, Uksouth, US South, US North, France Central

[Public preview of Private Link Network Security Group Support | Azure updates | Microsoft Azure](#)

# Azure Elastic SAN

- Fully managed Cloud SAN solution
- To lift and shift existing SAN workloads to Azure



# Azure Monitor Agent

- Log Analytics agent will be deprecated and **August 31, 2024** is end of support
- Use Azure Monitor Agent
  - Single Agent for all telemetry data including Azure Arc support
  - Update Management Center support
  - Microsoft Defender for Cloud support

## Other Topics

- NSG support for private Endpoints
- [SAP Change Data Connector \(CDC\) for Azure Data Factory](#)
- [GA: Live resize for Premium SSD and Standard SSD Disk Storage](#)



# Windows Dev Kit aka Project Volterra

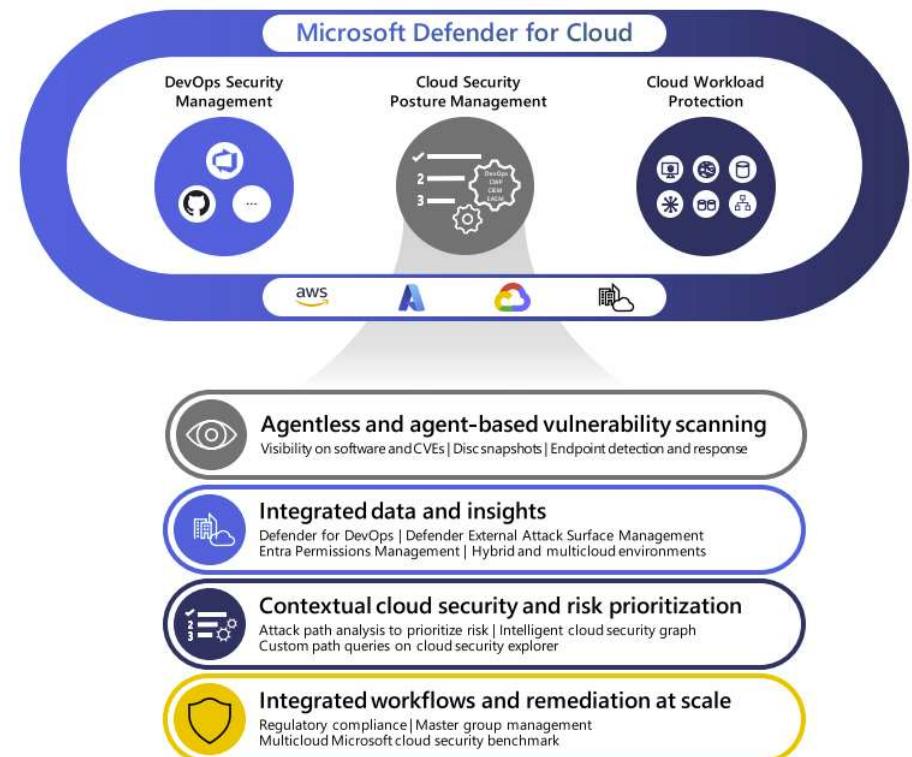
- ARM-processor
- Snapdragon 8cx
- 32GB RAM
- Windows 10 Pro
- Available now



# Defender for CSPM Preview

## CSPM = Cloud Security Posture Management

- Addition to the Free Tier
- Brings premium functionality
  - Attack Path analysis
  - Security Explorer
  - Agentless VM scanning
- Actual free in public preview



# Defender for DevOps

The screenshot shows the Microsoft Defender for Cloud | DevOps Security dashboard. The top navigation bar includes 'Search (Ctrl+F)', 'Add environment', 'Refresh', 'DevOps workbook', 'Guides and Feedback', and 'Configure'. The left sidebar has sections for General (Overview, Getting started, Recommendations, Security alerts, Inventory, Workbooks, Community), Cloud Security (Security posture, Regulatory compliance, Workload protections, Firewall Manager, DevOps Security), and Management (Environment settings, Security solutions, Workflow automation). The main content area is divided into three sections: 'Security Overview' (441 vulnerabilities, 441 code scanning, 12 exposed secrets, 44 OSS, 124 recommendations), 'Security results' (21 total, 1 Github Connectors, 1 Azure DevOps Connectors), and 'DevOps coverage' (21 total, 18 Github repositories, 3 Azure DevOps repositories). Below these are detailed tables for each repository, showing pull request status, total exposed secrets, OSS vulnerabilities, and total code scanning vulnerabilities. The table lists repositories like sample-findings, pub-test, dfdVulnWeb, ContainerScanningAzureACR, SecureFunctions, secretscan-test, ARM-Template-Fail, SampleApp, ContainerScanningGitHubCR, SecureVM, samplebiceptest, ADO-CI/CDScanTest, and repo-totest-delete-1.

[Join Our Security Community - Microsoft Community Hub](#)

# Azure Firewall Editions

New in Public  
Preview

Azure Firewall Basic	Azure Firewall Standard	Azure Firewall Premium
2 VMs fixed under the hood	Built-in high availability	<b>All from Standard +</b>
Availability Zones	Availability Zones	TLS Inspection
App FQDN Filtering Rules?	Application FQDN Filtering Rules	IDPS
Fixed Scale	Unrestricted Cloud Scalability	URL Filtering
Threat Intelligence (Alert Mode only)	Threat Intelligence	Web categories
FQDN in Network rules	FQDN in Network rules	FQDN in Network rules
250-500MBps	30GBps	30GBps
300,00 €	901,24€ per month	1.262,29€ per month

# Cloud Security Explorer (Preview)

Microsoft Defender for Cloud | Cloud Security Explorer (Preview) X

Showing 6 subscriptions

Search « 🔍 Guides & Feedback 🔗 Share query link

General

- 🛡️ Overview
- 📘 Getting started
- ☰ Recommendations
- ⚠️ Security alerts
- 📦 Inventory
- 💻 Cloud Security Explorer (Preview) Selected
- 📊 Workbooks
- 👥 Community
- 🔧 Diagnose and solve problems

Cloud Security

- 🛡️ Security posture
- 🔒 Regulatory compliance
- 📍 Workload protections
- 🚩 Firewall Manager
- 🌐 DevOps Security (Preview)

Defender CSPM plan was enabled recently on at least one of your subscriptions/accounts. It could take up to one day until all data will be available

🔍 What would you like to search?

Virtual machines Has Vulnerabilities Where Severity Equals High AND Has Insight Where Title Equals exposed to the... Remove Remove

Scope : MVP BC LZ Infrastructure (c7ce5f8f-0180-4dd2-b44b-2) Search 🔍



# AVD News

Marcel Meurer

[blog.itprocloud.de](http://blog.itprocloud.de)



# Confidential virtual machine option



# Azure Virtual Desktop Autoscale is GA

Home > Host pools > Canada

The screenshot shows the Azure Virtual Desktop Host pools interface. On the left, a list of host pools is displayed, with 'Canada' selected. The main pane shows the 'Scaling plan' for the 'Canada' host pool. The 'Scaling plan' section is highlighted with a yellow box. It includes a search bar, an 'Assign' button, a 'Refresh' button, and an 'Unassign' button. A note states: 'Autoscale enables your Azure Virtual Desktop workloads to automatically scale up or down based on usage'. There is a checkbox labeled 'Enable autoscale' which is unchecked. Below it, there is a 'Name' field with the placeholder 'There is no scaling plan assigned to this host pool.' Other sections visible include 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'RDP Properties', 'Properties', 'Scheduled agent updates' (also highlighted with a yellow box), 'Locks', 'Application groups', 'MSIX packages', and 'Session hosts'.

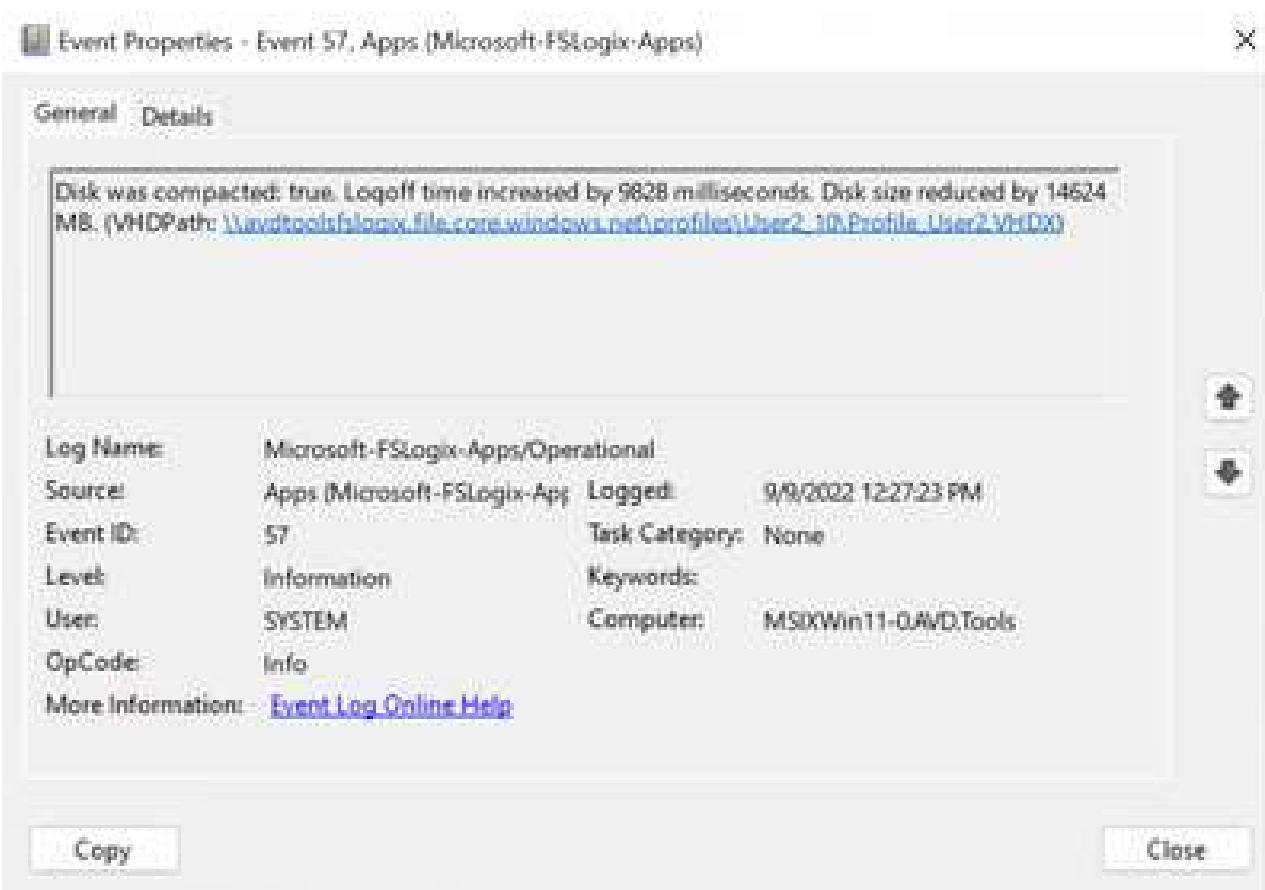
# Azure Virtual Desktop Scheduled Agent Update is GA

The screenshot shows the 'Scheduled-Agent-Updates-Pool | Scheduled agent updates' settings page. The left sidebar lists several options: Host pool, Search (Ctrl+ /), Refresh, Diagnose and solve problems, Settings, Scaling plan, RDP Properties, Properties, Scheduled agent updates (which is selected and highlighted with a red box), and Locks. The main content area has a heading 'Scheduled agent updates' with a checked checkbox. A tooltip explains: 'Disabling scheduled updates means that agent updates will automatically be installed by AVD when they become available.' Below this is a 'Schedule' section with a note about specifying up to 2 maintenance windows. It includes a 'Use local session host time zone' checkbox (unchecked) and a 'Time zone' dropdown set to '(UTC-08:00) Pacific Time (US & Canada)'.

Source:

<https://learn.microsoft.com/en-us/azure/virtual-desktop/scheduled-agent-updates>

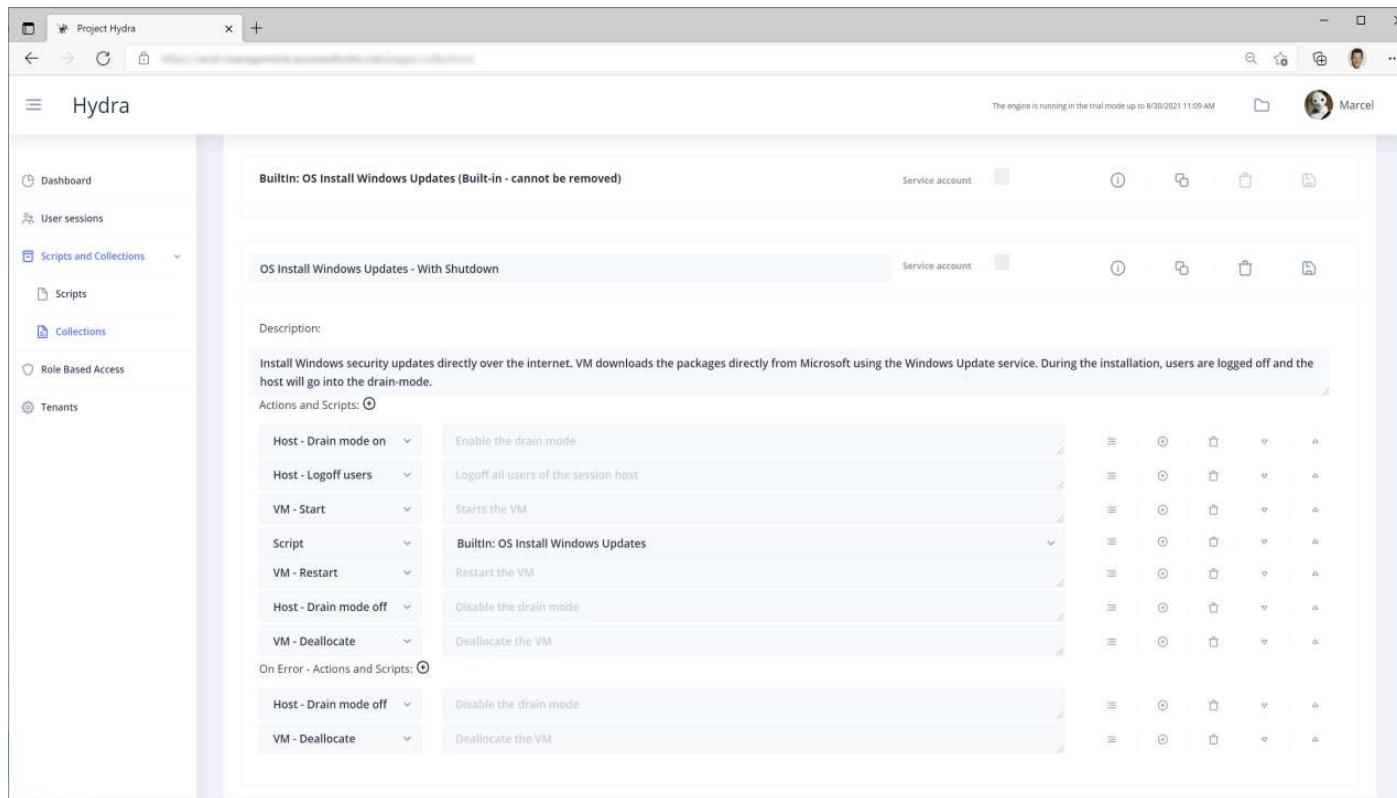
# FSLogix Disk Compaction - Preview



Source:

<https://techcommunity.microsoft.com/t5/azure-virtual-desktop-blog/announcing-public-preview-fslogix-disk-compaction/ba-p/3644807>

# In eigener Sache: Hydra for AVD – Community



<https://blog.itprocloud.de>

# Highlight Sessions

- [Inside Azure Innovations with Mark Russinovich](#)
- [Building 25+ years of SysInternals: Exploring ZoomIt](#)
- [Stories from DART: Taking the ware out of ransomware](#)
- [Protect your cloud resources with contextual cloud security posture management and maintain compliance with multicloud security benchmarks](#)
- [Windows: Building what matters most for your business \(ab 41 Minute\)](#)
- Sessions und Ankündigungen zu Microsoft Azure AD & Azure Identity Security:
  - [Securing workload identities - “After general availability, additional licenses might be required.”](#)
  - [Migrating ADFS apps to Azure AD - \(inkl. Statistiken zur ADFS-Nutzung und Vorteile durch AAD-Migration\)](#)
  - [Microsoft Entra Identity Governance](#)
  - [DART: Taking the ware out of ransomware](#)
  - [Cloud Security Explorer in Microsoft Defender for Cloud](#)

# Links

- [GA: Simplify management and operations with Azure Automanage Machine Best Practices](#)  
[Announcing Public Preview of Update management center](#)
- [GA: Azure Premium SSD v2 Disk Storage](#)  
[Azure Firewall Basic is available as Public preview | Gregor Reimling](#)
- [Microsoft announced Azure Premium SSD v2 Disk Storage in preview – for me a big announcement this year | Gregor Reimling](#)
- [GA of Azure DNS Private Resolver | Microsoft Learn](#)
- [Preview: Enable Azure Monitor VM insights using Azure Monitor agent](#)
- [GA: Resizing of peered virtual networks](#)
- [GA: Smart tiering to vault-archive tier for Azure Backup](#)
- [Announcing Microsoft Dev Box preview](#)
- [Microsoft Ignite 2022 Book of News](#)

# Feedback zum heutigen Meetup

<https://forms.microsoft.com/r/uREjbyFw8c>