



## TODAY'S DISCUSSION FORMAT



The discussion is being recorded.



Please use the chat window to ask your questions.



We have our experts on hand to answer your questions.



The video and content will be sent via email post event.



## AGENDA

Introduction / cubesys
 What is Nerdio for Enterprise?
 Product Demo
 Nerdio Pipeline

## **TODAY'S PRESENTERS**



Paul Heaton CEO & Co-founder cubesys

in paulmichaelheaton



George Zajakovski Senior Cloud Consultant cubesys

in gzajakovski



Jarred Foley Regional Sales Manager ANZ Nerdio

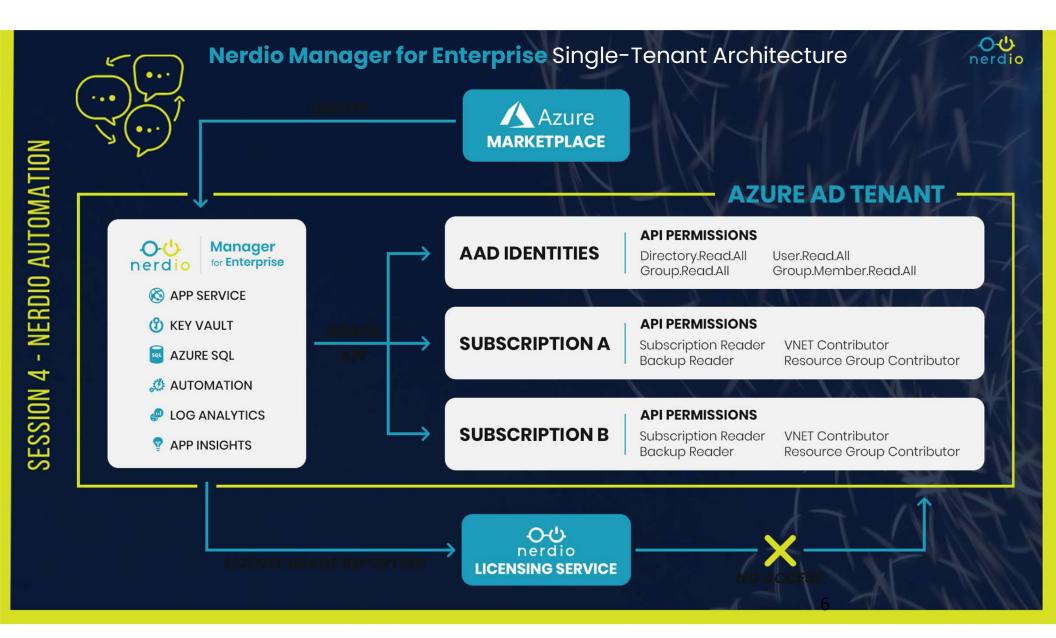
in jarredfoley



**SESSION 4 - NERDIO AUTOMATION** 

## **OU** nerdio

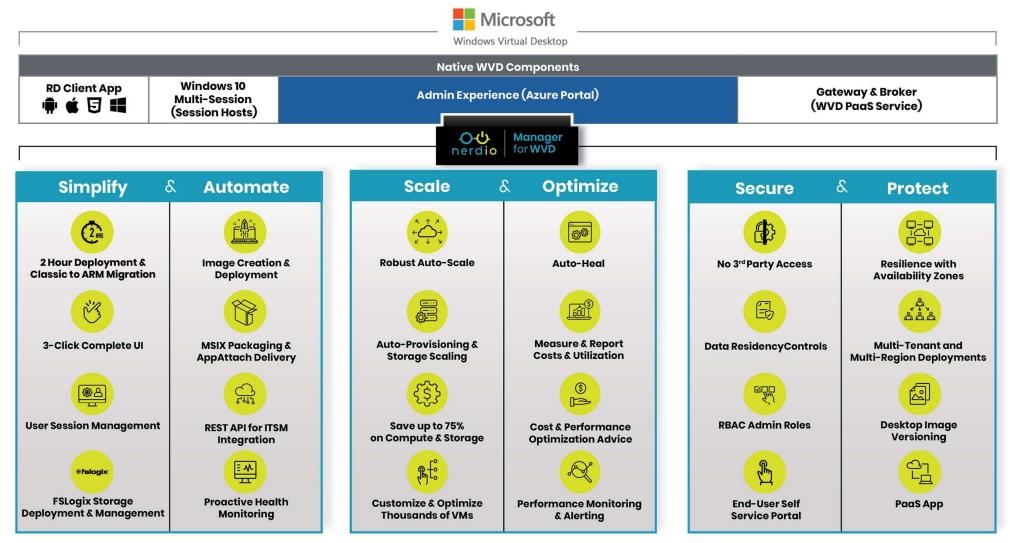
## Manager for Enterprise



Features	Azure S Virtual Desktop	O-U Manager nerdio
Start VM on Connect	<ul> <li>✓</li> </ul>	✓
Pre-stage (ramp-up) hosts on a schedule	~	×
Drain under-utilized hosts when scaling in	×	×
Scale based on available sessions	~	×
Scale in (ramp-down) on a schedule	~	×
Scale in anytime on demand		×
Scale personal host pools		✓
User driven scaling (host shuts down after last user logs off)		×
Scale by creating and removing hosts just-in-time		✓
Scale based on usage of CPU, RAM, and average active sessions per host		
Multi-trigger scaling on CPU, RAM, and sessions		✓
Multiple pre-stage schedules		V
Adjustable scale in aggressiveness		×
Automatically re-image hosts on user log off or schedule		
Auto-heal broken hosts		✓
Reserved Instance analytics for auto-scale		×
Deallocate hosts shut down by user		✓
Host OS disk scaling (HDD when stopped, SSD when running)		~
Ephemeral OS disk support for host scaling		×
Host OS disk shrinking from default 128 GB		V
FSLogix profile compression		✓
Azure Files and Azure NetApp Files storage scaling		~
Storage performance scaling based on latency and schedule		<ul> <li></li> </ul>
Storage size scaling based on free space		~

getnerdio.com/nme

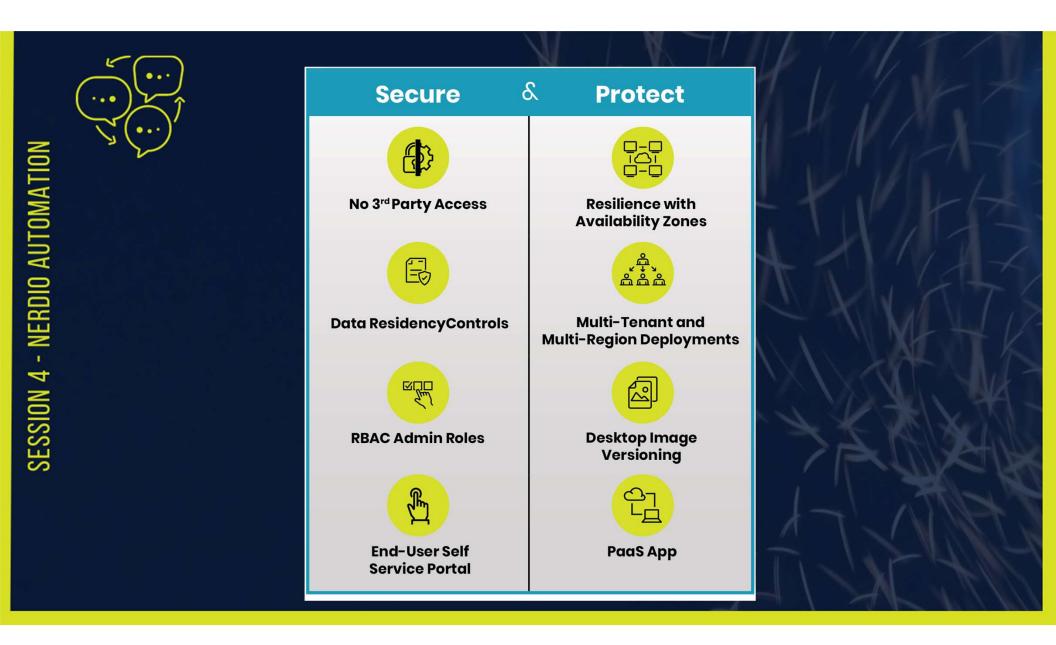
#### Nerdio Manager for Enterprise extends native AVD admin experience



8











#### ? Admin-Geo

#### AUTO-SCALE SAVINGS ①

Savings: **\$824.10 (46.59%)**Named user cost: **\$4.52/month**Concurrent user cost: **\$41.07/month**Monthly active user cost: **\$16.01/month**

#### CURRENT HOST POOLS COUNTS

Multi user desktop (pooled): 14 (21 hosts) Multi user RemoteApp (pooled): 1 (1 hosts) Single user desktop (pooled): 0 (0 hosts) Single user desktop (personal): 2 (72 hosts)



O-U nerdio		DYNAMIC HOST POOLS (DESKTOPS) ®							
MANAGER FOR WVD		SEARCH		FILTER BY TYPE		FILTER BY RESOURCE GROUP			
DASHBOARD		Search by name		<ul> <li>Multi user desktop (pooled) (12)</li> <li>Multi user RemoteApp (pooled) (0)</li> </ul>		<ul> <li>Single user desktop (pooled) (0)</li> <li>Single user desktop (personal) (1)</li> </ul>	Any x		×   ~
		NAME 🕈 🛈	FRIENDLY NAME 🗘 🛈	DESKTOP EXPERIENCE \$ (1)	STATUS ①	AUTO-SCALE <sup>①</sup>	IMAGE ①	MONTHLY SAVINGS & COSTS ①	
Dynamic host pools         Static host pools         User sessions         DESKTOP IMAGES         MSIX APP ATTACH         SCRIPTED ACTIONS         SCRIPTED ACTIONS         MONITORING         MONITORING         STORAGE         USERS AND ROLES         LOGS         SETTINGS         UPDATES		Hostpool	1 – IT Staff	Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 1 (CPUs: 4)	OFF	WVDGoldPoo1 D4s_v4 (4C/16GB/Standard) 128 GB (P10/Premium SSD) Aug 4, 2021 05:44 PM	Insufficient data ወ	Manage Hosts 🔹
		Hostpool	2 - Finance	Multi user desktop (pooled) Breadth first load balancing Max session limit: 12	User sessions: 0 Assigned users: 0 Assigned groups: 2 Hosts: 1 ON / 4 (CPUs: 16)	Min: 1, Capacity: 4, Burst: 0 Scale out trigger: CPU (65%) for 5 mins Scale in trigger: CPU (40%) for 15 mins	WVDGoldPoo1 D4s_v3 (4C/16GB/Standard) 128 GB (E10/Standard SSD) Aug 4, 2021 05:44 PM	Monthly savings: \$122.68 (34.36%) @ Named user cost: \$2.60/month @ Concurrent user cost: \$78.13/month @	Manage Hosts 🔹
	-	Hostpo	ol 3 - HR	Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 0 (CPUs: 0)	OFF	Microsoft/Win10OfficePooled/1 D2s_v3 (2C/8GB/Standard) 512 GB (S20/Standard HDD) Dec 22, 2020 12:23 PM	Insufficient data 💿	Manage Hosts 🔹
		Hostpool	4 – Testing	Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 0 (CPUs: 0)	OFF	Microsoft/Win10OfficePooled/1 D2s_v3 (2C/8GB/Standard) 512 GB (S20/Standard HDD) Dec 22, 2020 12:23 PM	Insufficient data Ø	Manage Hosts 🔹
	·	Host	pool 5	Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 0 (CPUs: 0)	OFF	Microsoft/Win10OfficePooled/1 D2s_v3 (2C//GGB/Standard) 512 GB (S20/Standard HDD) Dec 22, 2020 12:23 PM	Insufficient data <b>O</b>	Manage Hosts 🔹
		Host	bool 6	Multi user desktop (pooled) Breadth first load balancing Max session limit: 2	User sessions: 0 Assigned users: 3 Assigned groups: 1 Hosts: 0 ON / 2 (CPUs: 12)	Min: 0, Capacity: 2, Burst: 2 Scale out trigger: Active sessions exceeds 2 Scale in trigger: Active sessions below 1 Pre-stage 1 hosts @ 8am	WVDGoldGPU1 NV6_Promo (6C/56GB/Standard) 128 GB (E10/Standard SSD) Aug 27, 2021 03:20 PM	Insufficient data ወ	Manage Hosts 🔹
		Host	pool 7	Single user desktop (personal) Assignment Type: Automatic	User sessions: 3 Assigned users: 12 Assigned groups: 0 Hosts: 5 ON / 9 (CPUs: 54)	OFF	WVDGoldGPU1 NC6_Promo (6C/56GB/Standard) 128 GB (E10/Standard SSD) Aug 27, 2021 03:20 PM	Insufficient data Ø	Manage Hosts 🔹
		Host	oool 8	Multi user desktop (pooled) Breadth first load balancing Max session limit: 8	User sessions: 2 Assigned users: 3 Assigned groups: 1 Hosts: 1 ON / 3 (CPUs: 12)	Min: 1, Capacity: 3, Burst: 0 Scale trigger: up to 2 available sessions	WVDGoldSec1 D4s_v3 (4C/16GB/Standard) 128 GB (P10/Premium SSD) Aug 5, 2021 02:05 PM	Monthly savings: \$77.82 (24.18%) $\textcircled{0}$ Named user cost: \$9.76/month $\textcircled{0}$ Concurrent user cost: \$34.86/month $\textcircled{0}$	Manage Hosts 🔹
		Host	oool 9	Multi user desktop (pooled) Breadth first load balancing Max session limit: 8	User sessions: 0 Assigned users: 3 Assigned groups: 1 Hosts: 1 ON / 5 (CPUs: 20)	Min: 1, Capacity: 5, Burst: 2 Scale out trigger: CPU (65%) for 5 mins Scale in trigger: CPU (40%) for 15 mins Pre-stage 2 hosts @ 8am	WVDGoldSDK D45_v3 (4C/16GB/Standard) 128 GB (P10/Premium SSD) Aug 25, 2021 07:34 PM	Monthly savings: \$125.43 (27.4%) Named user cost: \$5.83/month Concurrent user cost: \$110.76/month	Manage Hosts 🔹

User sessions: 0 Assigned users: 3

Multi user desktop (pooled)

Hastpool 10

Min: 0, Capacity: 2, Burst: 0 Cale out trigger: Active sessions exceeds D4s v3 (4C/16GB/Standard)

Monthly savings: \$265.71 (76.01%) ①

.



DESKTOP EXPERIENCE = ①	STATUS ①	AUTO-SCALE ①	IMAGE ①	MONTHLY SAVINGS & COSTS ①	
Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 1 (CPUs: 4)	OFF	WVDGoldPoo1 D4s_v4 (4C/16GB/Standard) 128 GB (P10/Premium SSD) Aug 4, 2021 05:44 PM	Insufficient data $oldsymbol{\Phi}$	Manage Hosts 🔹
Multi user desktop (pooled) Breadth first load balancing Max session limit: 12	User sessions: 0 Assigned users: 0 Assigned groups: 2 Hosts: 1 ON / 4 (CPUs: 16)	Min: 1, Capacity: 4, Burst: 0 Scale out trigger: CPU (65%) for 5 mins Scale in trigger: CPU (40%) for 15 mins	WVDGoldPoo1 D4s_v3 (4C/16GB/Standard) 128 GB (E10/Standard SSD) Aug 4, 2021 05:44 PM	Monthly savings: \$122.68 (34.36%) () Named user cost: \$2.60/month () Concurrent user cost: \$78.13/month ()	Manage Hosts 🔹
Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999)	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 0 (CPUs: 0)	OFF	Microsoft/Win10OfficePooled/1 D2s_v3 (2C/8GB/Standard) 512 GB (520/Standard HDD) Dec 22, 2020 12:23 PM	Insufficient data ወ	Manage Hosts 🔹



### Demos

- Image management
- Scripted Actions
- Host pool Autoscaling
- Storage Autoscaling
- Sepago



**SESSION 4 - NERDIO AUTOMATION** 

# Pipeline

## Meet Our New Partner





## **UPCOMING SESSIONS**

- ✓ Session 5: AppAttach & MSIX | TUESDAY 31 MAY 2022
- ✓ Session 6: Economic Assessment building a business case | TUESDAY 14 JUNE 2022
- ✓ Session 7: AVD Cost Analysis & Charge backs | TUESDAY 28 JUNE 2022
- ✓ Session 8: Series Finale AVD best Practices | TUESDAY 12 JULY 2022

# **Questions?**

**SESSION 4 - NERDIO AUTOMATION** 



401

# AVD Control of the second seco