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Zero to Hero: Building a fully Automated, Self-Healing AVD environment

Agenda

1. Introduction
2. Why Automation and Self-Healing matters
3. The Automation Blueprint
4. Live Demonstration
5. Interactive Discussion
6. Closing and key takeaways

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Love anythign outdoors

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Introduction

Nerdio's Mission

To simplify the lives of IT professionals and maximize their Microsoft cloud and end user computing investments.

Introduction

- *What if your AVD environment could fix itself before you even knew there was a problem?*
- *How can I automate patching monthly with no downtime?*
- *How is it best to using Rolling Drain mode?*
- *What Auto-Heal settings have the best chance to fix hosts?*
- *How do I use AI to make good decisions?*

Introduction

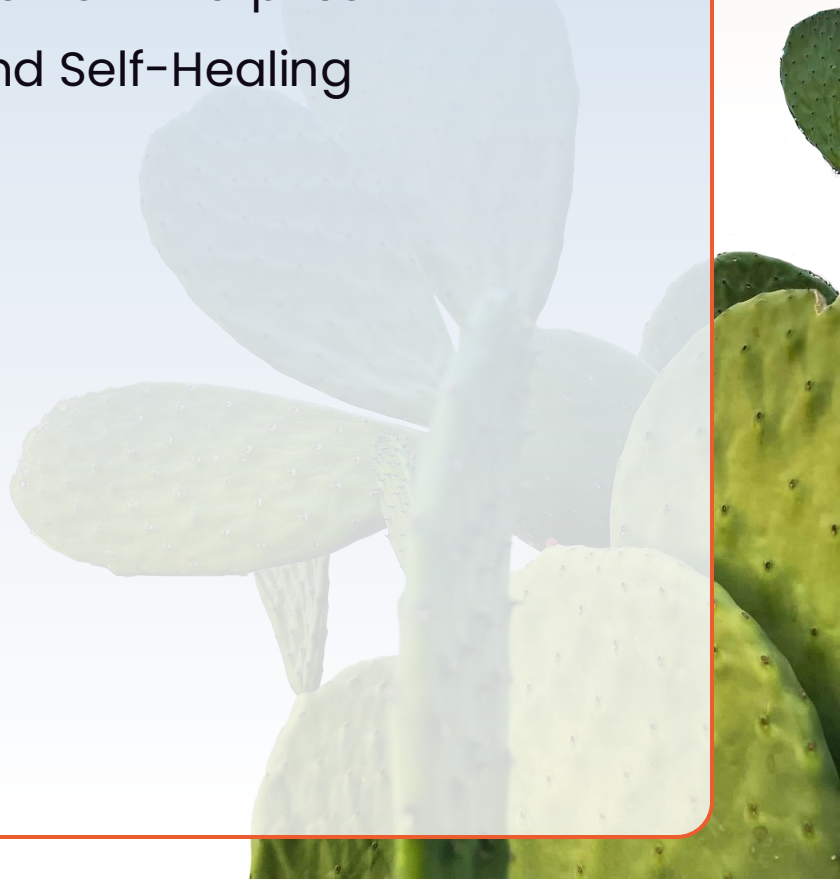
THE PROBLEM

Enterprises spend too much time firefighting AVD and Azure issues, configuration problems and doing ‘things’ manually

- Common challenges
- ‘Stuck in old ways’
- Configuration consistency
- Unsure to trust automation
- Performance degradation

THE SOLUTION

Nerdio Manager for Enterprise Automation and Self-Healing capabilities.

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Why does Automation and Self-Healing Matter?!

Why Does Automation and Self Healing matter??

- Downtime and Business Continuity
- IT Efficiency
- Cost Optimisation
- Best User Experience
- Security

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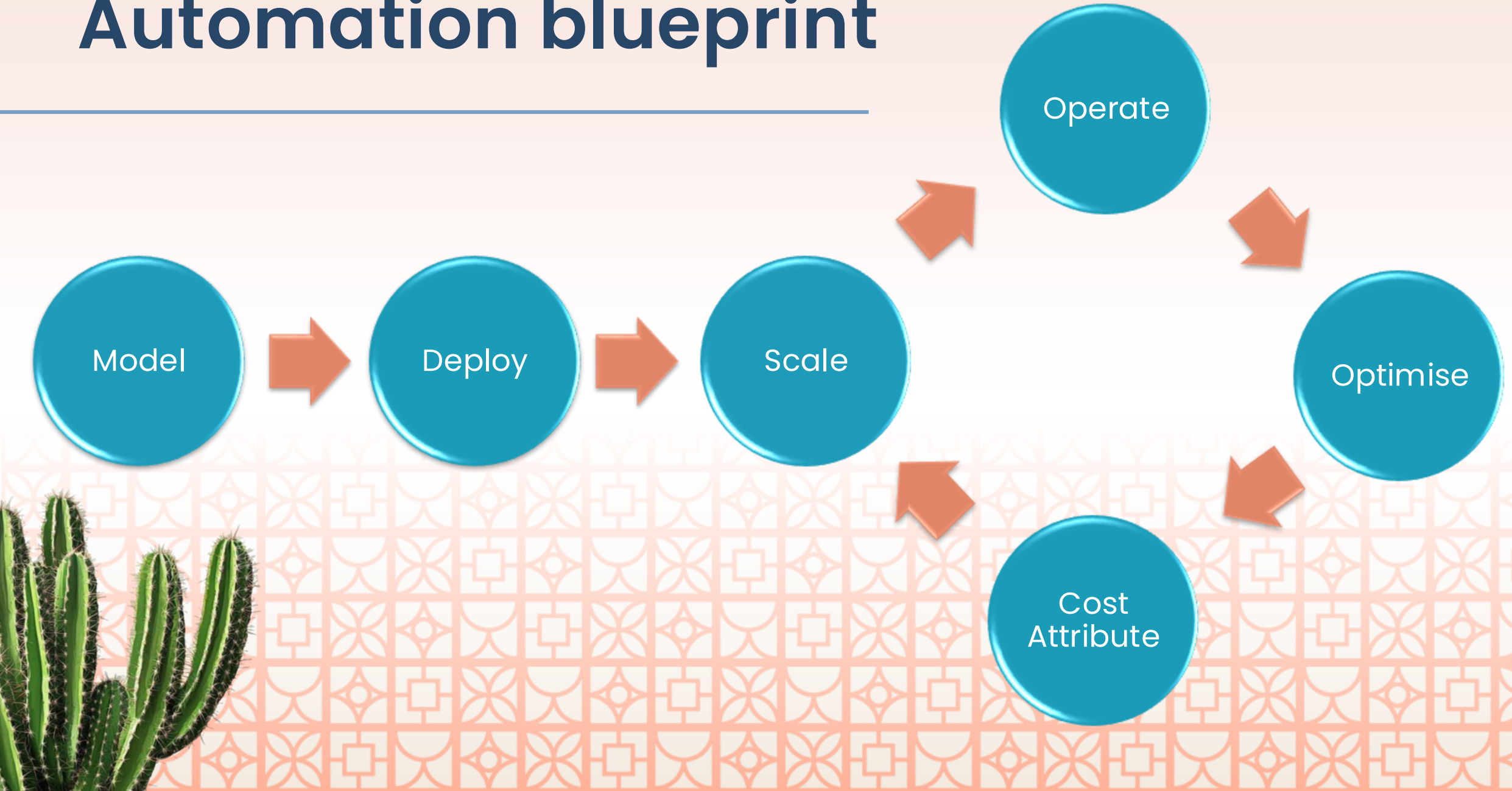
The Automation Blueprint

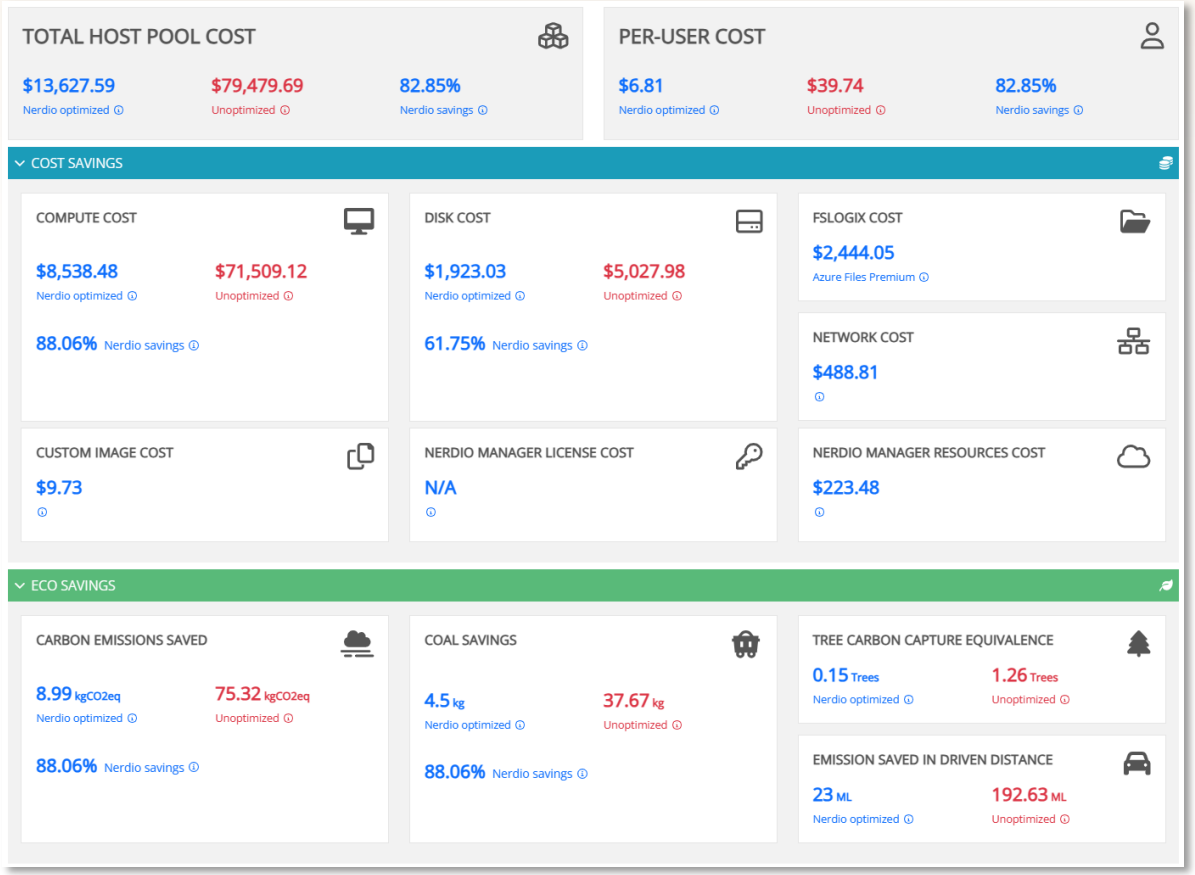
Automation blueprint



Model

Nerdio Advisor: Modeler

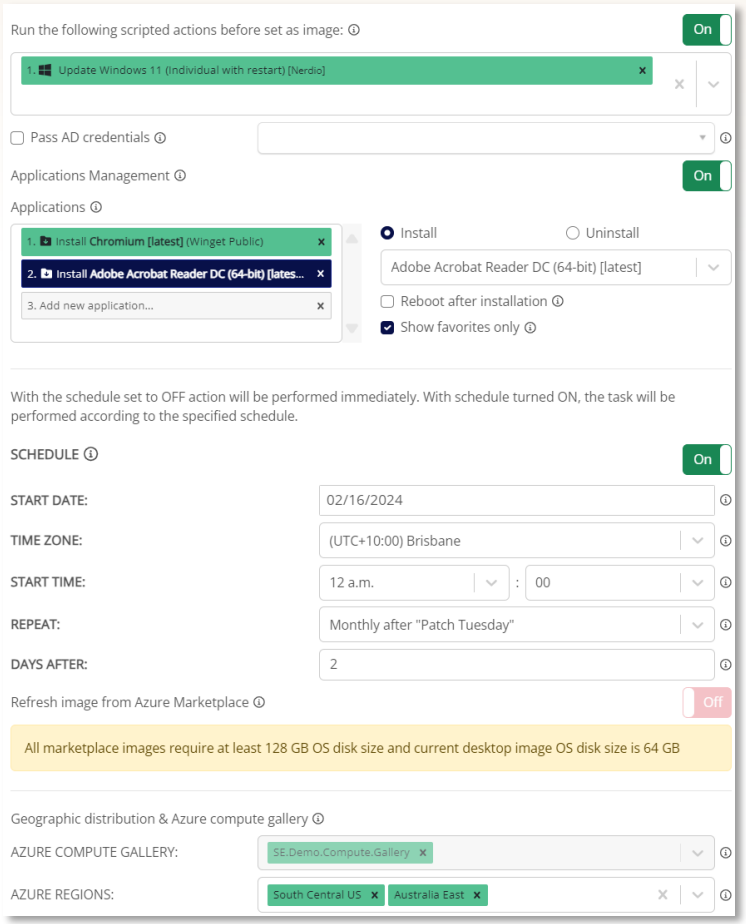
- ✓ Eliminate the need for spreadsheets and external calculators – no more guesswork
- ✓ Model your host pool(s) directly inside Nerdio
- ✓ Provides predictability in costs and estimated cost savings prior to deployment
- ✓ Models can be saved, cloned, exported and PDF for input into a business case
- ✓ Emissions and Eco Savings



Deploy

Image Management | Unified Applications | Scripted Actions

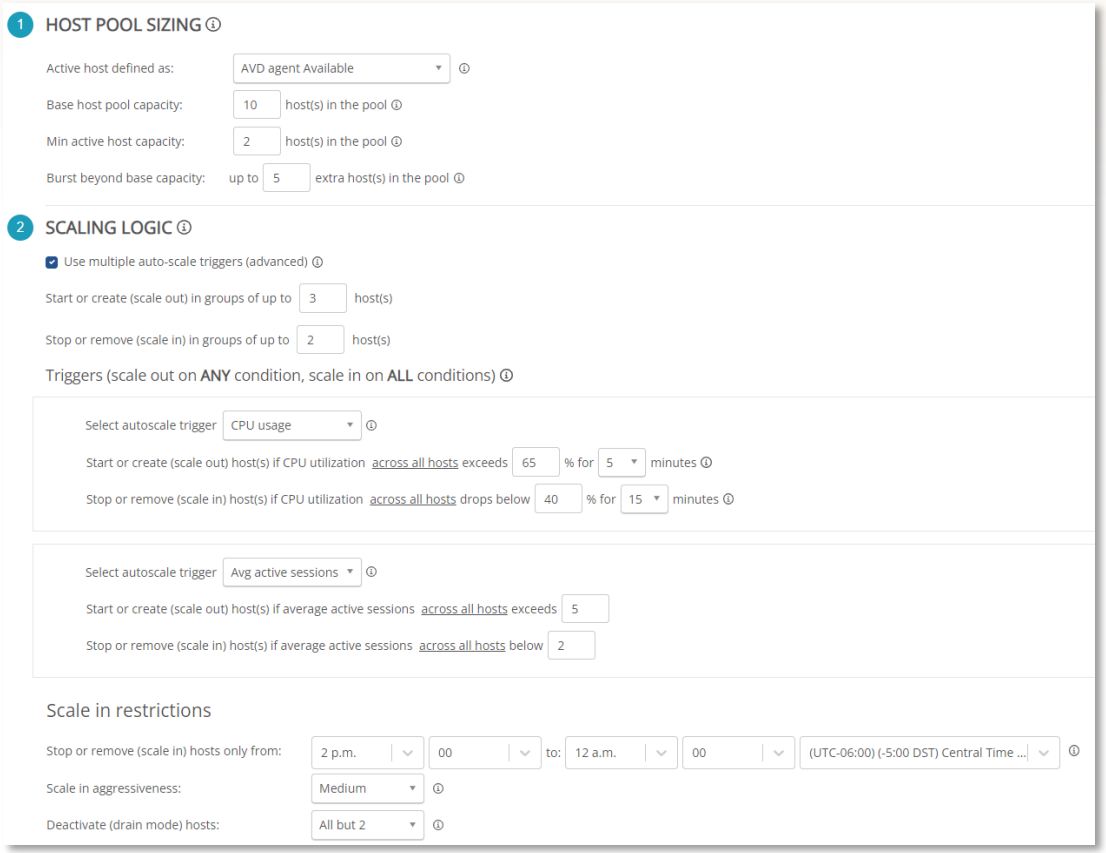
- ✓ Streamlined Image Management
- ✓ Allows for low touch through to no touch
- ✓ Integration with MSIX App Attached and App Masking
- ✓ Unified Application Management inc integration with SCCM, Intune, WinGet, Shell Apps with deployment policies
- ✓ Scripted Actions – GitHub and AzureDevOps



Scale

Auto-Scale

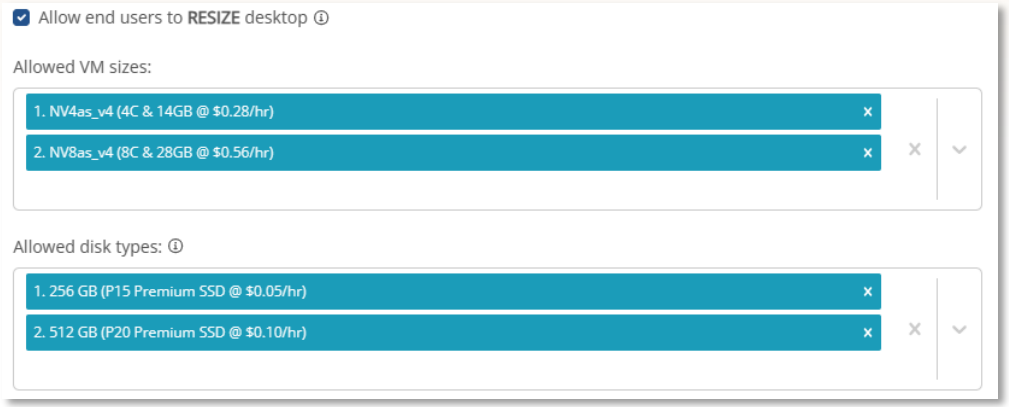
- ✓ Intelligent Auto-Scaling that focuses on both compute and storage
- ✓ Adaptable Scale-out / Scale-in
- ✓ Rolling Drain Mode
- ✓ Just-in-time provisioning to further optimize resources
- ✓ File Storage Auto-Scale, so you are not overprovisioning the amount of profile storage you need on day one

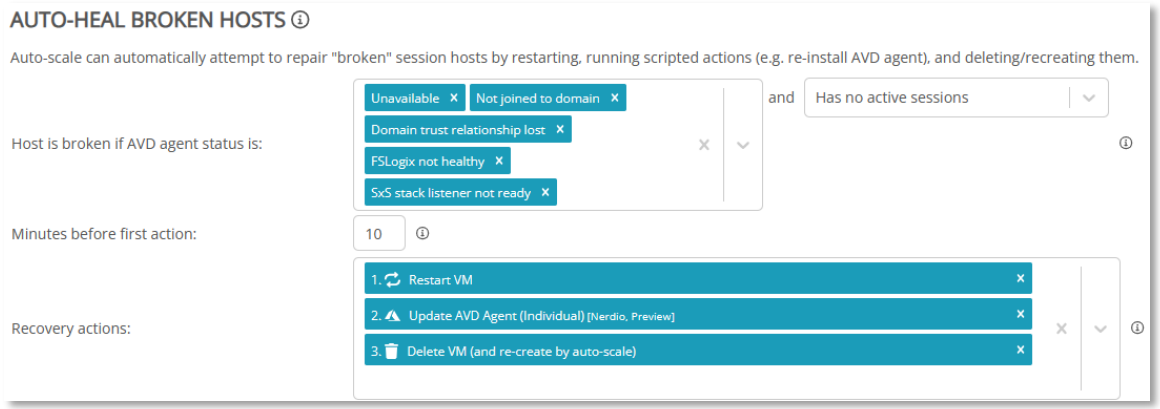


Operate

Unified Management | Auto-Heal | Self-Service

- ✓ Unified Management – everything in one place
- ✓ Granular RBAC
- ✓ Auto-Heal – don't pay for broken hosts
- ✓ User Self-Service – put control back in the users' hands
- ✓ REST API – for further integration
- ✓ Manage Intune directly inside Nerdio

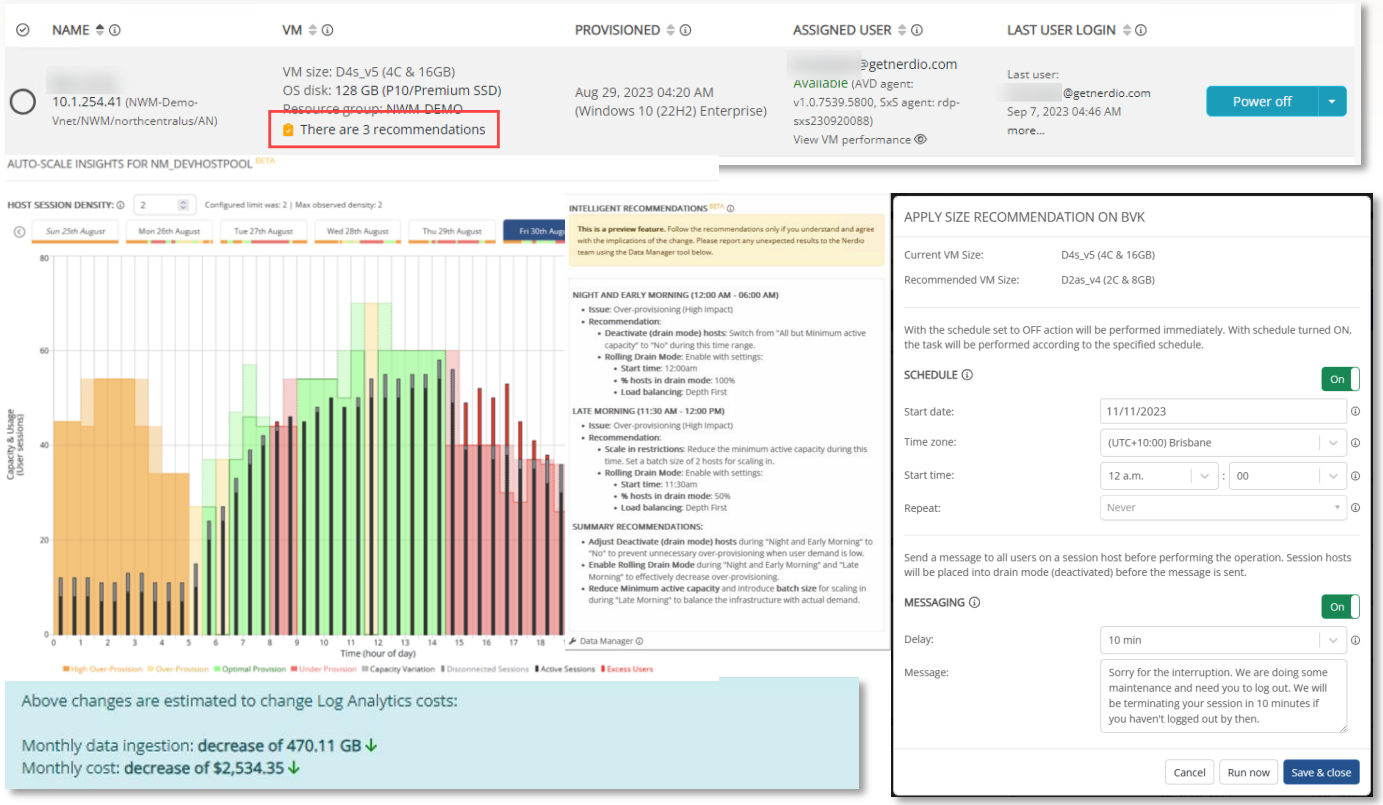




Optimize

VM Right Sizing | Auto-Scale Optimization

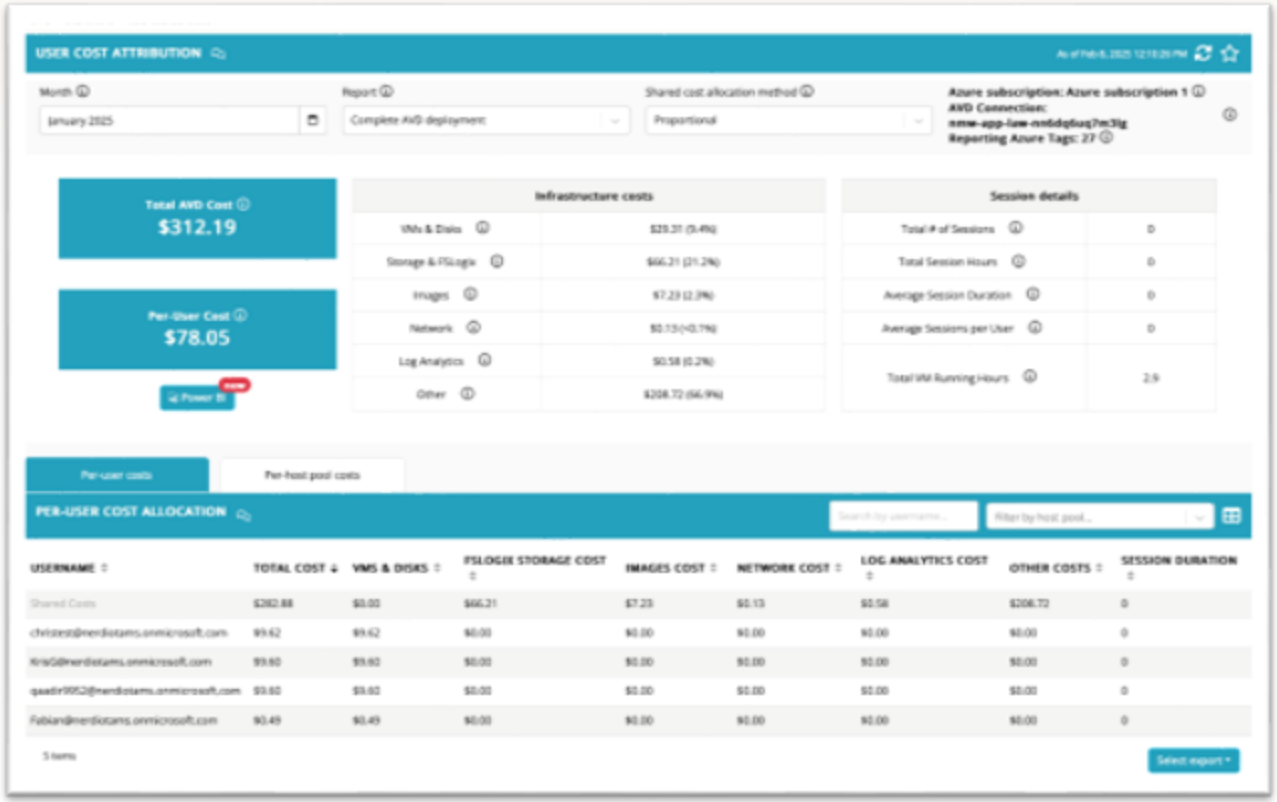
- ✓ Auto-Scale Insights with AI Optimization
- ✓ VM Right Sizing Service which helps identify overprovisioning or bottlenecks
- ✓ Reserve Instance Analytics
- ✓ Log Analytics Cost Optimization



Cost Attribute

User Cost Attribution

- ✓ Precise per-user cost attribution towards the total cost of an AVD (compute, storage, network, PaaS, SaaS) based on the duration of an individual's usage of AVD.
- ✓ Can be used for visibility, cost optimization, show back and chargeback.
- ✓ Data export and PowerBI connector is available for customers seeking to perform custom reporting and integration of data sets such as Department, Cost Centre or Application Owner.
- ✓ Template dashboards are supplied so that customers can tailor to suit their requirements.



Demonstration

Demo Time!

- Automated patching
- Rolling Drain Mode
- Auto-heal settings
- AI Insights for Auto-scale
- Easy Application Deployments

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Discussion and Q&A

Discussion and Q&A

What are YOUR significant challenges related to AVD maintenance?

How will you introduce more automation to meet various enterprise requirements?

How will you start to adopt or optimize automation within Nerdio Manager?

Closing and Key Takeaways

What have we learned?

Use the blueprint!

- Automate as much as you can
- AVD is not set and forget
- Keep up to date with Nerdio's new featuresz

How can I get more help and advice?

- Nerdio University
- Customer Success Plus
- Community Forums
- Help Centre nmehelp.getnerdio.com

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THANK YOU!