



Native vs. Nerdio: The ultimate Intune showdown

Transform your Intune process with Nerdio's automation

Marcos Artiaga – Sales Engineer



Agenda

Brief introduction to Intune key concepts and manual workflow

NMM key concepts and the significance of automation for Managed Service Providers (MSPs)

Demo time

Q&A



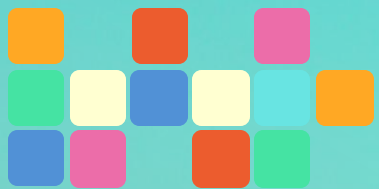
Marcos Artiaga

MSP Sales Engineer, Nerdio

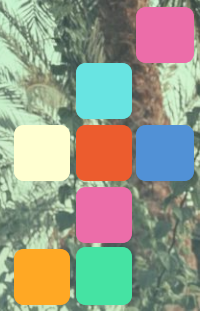
Been at Nerdio for 2 years

Worked in the MSP industry for over 10 years





Native Intune



Key Concepts

Device enrollment

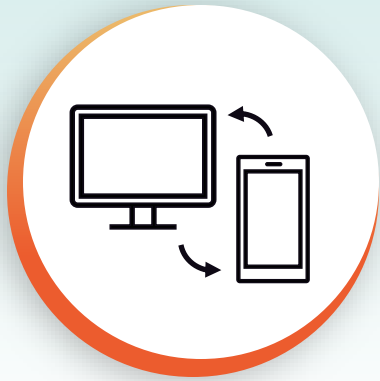
- The process of registering and configuring devices to be managed by Microsoft Intune
- Requires an Intune enabled license (Intune P1, M365 BP, M365 E3)
- Can be for corporate-owned, or personal devices (BYOD)





Conditional access

Works with Intune and Microsoft Entra ID to ensure that only managed and compliant devices can access your organization's resources



Compliance policies

Sets of rules and conditions that you use to evaluate the configuration of your managed devices

- Encryption enabled
- Up-to-date OS version
- EDR up-to-date

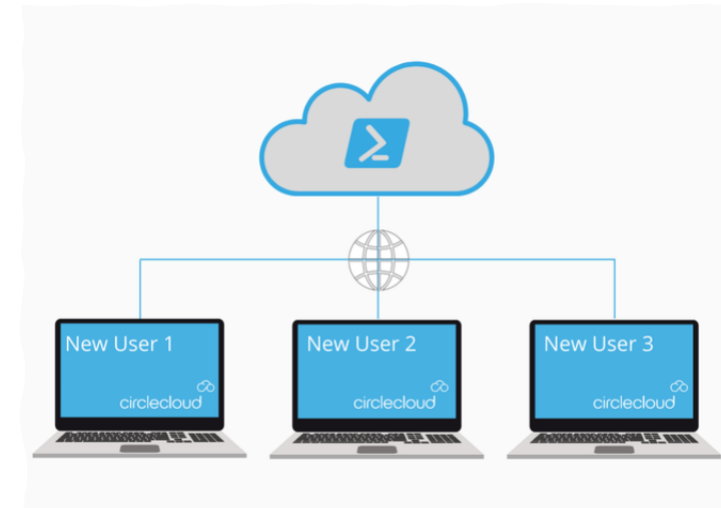


Configuration policies

- Policies that enable the centralized management of settings and features across devices
- Modern version of Group Policy

Other policy types

- Application deployment: Ability to install, update, and manage applications across your organization's devices
- Update Rings policies: Keep devices up-to-date on Windows Quality and Feature updates
- Autopilot: Help to provision devices out of the box



Common challenges and limitations

1

Complexity and learning curve

2

Multi-tenant management

3

Policy Drift

4

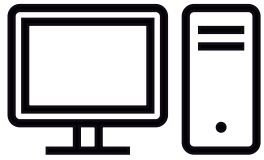
Application packaging for Win32 apps

5

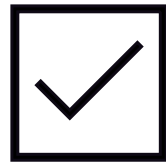
Versioning and backup



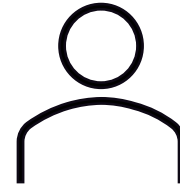
Examples of manual processes



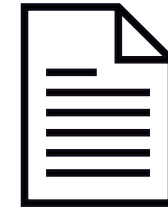
**Configure device
enrollment**



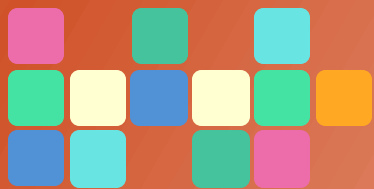
**Create new
policies**



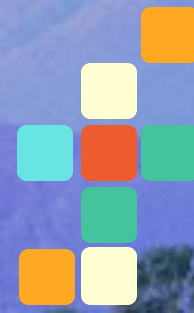
**Assign policies to
user and device
groups**



**Document the
settings for future
deployments**



Nerdio Manager for MSP





Solutions baseline for Intune

Predefined configuration for tenant settings like enrollment, LAPS, Windows Updates for Business reports, and more.



Policy management


Allows importing, assigning, and managing Intune policies at the global level, so that you can have a centralized repository for all your customers.

Policy baselines

Standardized sets of policies that can be applied across multiple customers to ensure consistency

- Can include multiple policy types
- Can be synced automatically to correct drift
- Some policy types can be assigned automatically to users using group templates
- Can be reported on using tenant monitoring report



A circular graphic on the left side of the slide, featuring a low-angle shot of two palm trees against a clear blue sky. The trees are green with brown trunks, and the circular frame has an orange border.

Unified Application Management

Centralized repository for the deployment of applications across multiple customers. Easily install and update common apps as well as customer specific applications.

- No requirement for converting into other policy types
- Can be used for any Intune enrolled devices, as well as Azure VM's including desktop images
- Can be deployed as part of a policy or ad-hoc (one-time)

Recovery services

Ability to schedule backup and recover the following items:

- Global Intune Policies (MSP Level)
- Global Policy Baselines (MSP Level)

Can perform a soft or clean restore

- Soft creates new policies
- Clean overwrites any existing versions of the policy

Option to restore tags, assignments, versions and variables





Automating Intune with NMM

Simplify your onboarding

- Enforce consistent tenant configurations for device enrollment, Autopilot, LAPS, and more
- Easily deploy a predefined "package" of policies
- Manage your customers' devices quickly without the need for 3rd party tools

Benefits of using NMM to standardize Intune

- Minimizing human error
- Faster onboarding means adding MRR quicker
- Increase in efficiency without tons of technician time



Automating Intune with NMM

Benefits of using NMM to standardize Intune

- Minimizing human error
- Faster onboarding means adding MRR quicker
- Increase in efficiency while reducing labor hours

Bringing your policies on board

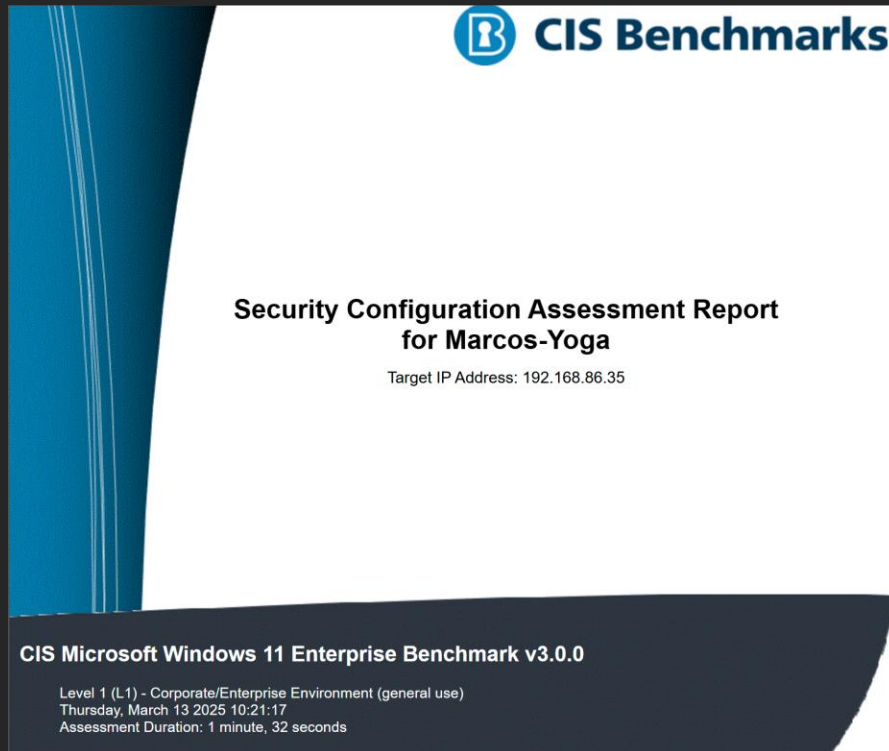
- Import your existing policies
- Use Nerdio policies
- Use CIS policies
- Ensure consistent configuration of policies across clients





Nerdio + CIS

A winning combination



Nerdio CIS policy packs

19.7.33 Store	0	0	0	0	0	0	0.0	0.0	0%
19.7.34 Tablet PC	0	0	0	0	0	0	0.0	0.0	0%
19.7.35 Task Scheduler	0	0	0	0	0	0	0.0	0.0	0%
19.7.36 Windows Calendar	0	0	0	0	0	0	0.0	0.0	0%
19.7.37 Windows Color System	0	0	0	0	0	0	0.0	0.0	0%
19.7.38 Windows Copilot	0	0	1	0	0	0	0.0	1.0	0%
19.7.39 Windows Defender SmartScreen	0	0	0	0	0	0	0.0	0.0	0%
19.7.40 Windows Error Reporting	0	0	0	0	0	0	0.0	0.0	0%
19.7.41 Windows Hello for Business (formerly Microsoft Passport for Work)	0	0	0	0	0	0	0.0	0.0	0%
19.7.42 Windows Installer	0	0	1	0	0	0	0.0	1.0	0%
19.7.43 Windows Logon Options	0	0	0	0	0	0	0.0	0.0	0%
19.7.44 Windows Media Player	0	0	0	0	0	0	0.0	0.0	0%
19.7.44.1 Networking	0	0	0	0	0	0	0.0	0.0	0%
19.7.44.2 Playback	0	0	0	0	0	0	0.0	0.0	0%
Total	81	291	9	0	2	0	81.0	381.0	21%

19.7.33 Store	0	0	0	0	0	0	0.0	0.0	0%
19.7.34 Tablet PC	0	0	0	0	0	0	0.0	0.0	0%
19.7.35 Task Scheduler	0	0	0	0	0	0	0.0	0.0	0%
19.7.36 Windows Calendar	0	0	0	0	0	0	0.0	0.0	0%
19.7.37 Windows Color System	0	0	0	0	0	0	0.0	0.0	0%
19.7.38 Windows Copilot	1	0	0	0	0	0	1.0	1.0	100%
19.7.39 Windows Defender SmartScreen	0	0	0	0	0	0	0.0	0.0	0%
19.7.40 Windows Error Reporting	0	0	0	0	0	0	0.0	0.0	0%
19.7.41 Windows Hello for Business (formerly Microsoft Passport for Work)	0	0	0	0	0	0	0.0	0.0	0%
19.7.42 Windows Installer	1	0	0	0	0	0	1.0	1.0	100%
19.7.43 Windows Logon Options	0	0	0	0	0	0	0.0	0.0	0%
19.7.44 Windows Media Player	0	0	0	0	0	0	0.0	0.0	0%
19.7.44.1 Networking	0	0	0	0	0	0	0.0	0.0	0%
19.7.44.2 Playback	0	0	0	0	0	0	0.0	0.0	0%
Total	374	7	0	0	2	0	374.0	381.0	98%

- Level 1 Intune benchmark policies for Windows 10 and Windows 11
- Created by CIS (Center for Internet Security)
- Easily deployed through NMM
- Takes Windows from out of the box 21% compliant to 98%

Creating a standard: Policy baselines

1

What is a policy baseline? A grouping of policies, with their pre-set sync type, assignments, and filters

2

Track compliance and policy drift

3

Use Group Templates to create default assignments



Versioning and recovery services

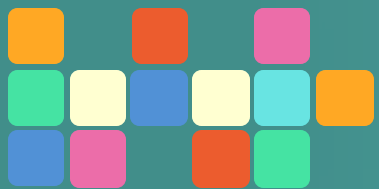
1

Create versions of policies for easy roll back

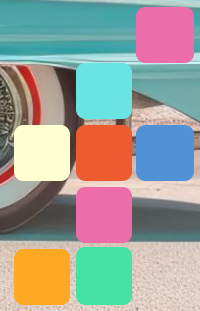
2

Backup policies and baselines to quickly recover from deletions





Demo time



Live demo

Walkthrough

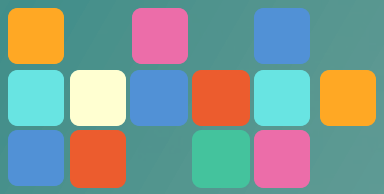
Create a policy in Intune

Import policies into NMM

Create a policy baseline

Assign baselines to a
customer

Back up policies and
baselines



Q&A session

