Moving to Modern Management

with Workspace ONE UEM

Darren Weatherly (he/him) Sr. Technical Marketing Architect

Josue Negron (he/him) EUC Staff Architect

SESSION ID EUS2639

#vmworld #EUS2639





Agenda

Benefits of Modern Management

Accelerate transition with Workspace ONE AirLift

Migrate Applications from ConfigMgr to Workspace ONE UEM

Evaluating & Analyzing your Current GPOs

Migrate Existing Domain joined devices



Benefits of Modern Management





What is Modern Management



BUILT FOR THE MODERN WORKFORCE



TRADITIONAL



DEPLOYMENT



CONFIGURATION



PATCHING



APP MANAGEMENT



SECURITY

High-touch

On-network only

Takes months to patch

Resource intensive

Poor compliance



MODERN

Out-of-box for day one productivity

Over-the-air, across any network

From the cloud in minutes

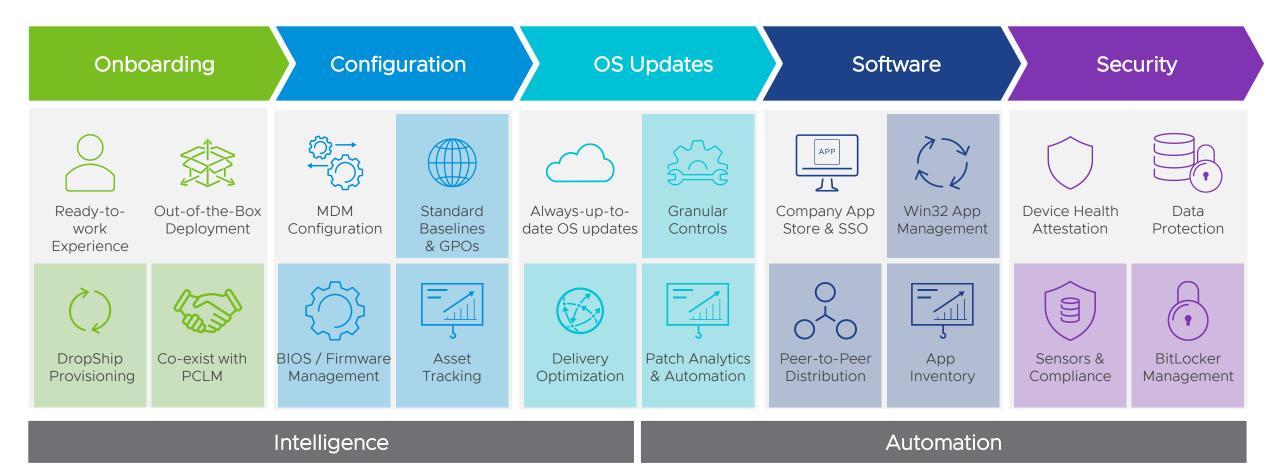
Cloud-scale with zero CapEx

Real-time detection and remediation



Workspace ONE: Cloud-Native Management Without a Need for VPN, DPs or Cloud Gateways!



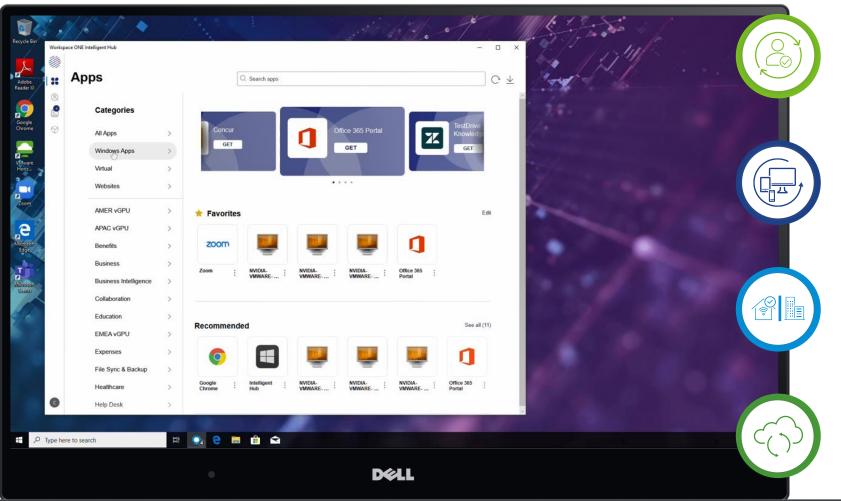




Drop Shipping Ready-to-Work Windows Devices



Exploring the end-user's experience



Touch-free IT

Deliver frictionless experiences, from pre-onboarding of employees to proactive and instant support- anywhere, anytime.

Freedom of Choice

Support knowledge and frontline employees working in any location using any device or OS for both BYO and corporate-liable devices

Uncompromised Uptime

Ensure a good application experience whether working from the office or remotely

Cloud-native Visibility & Management

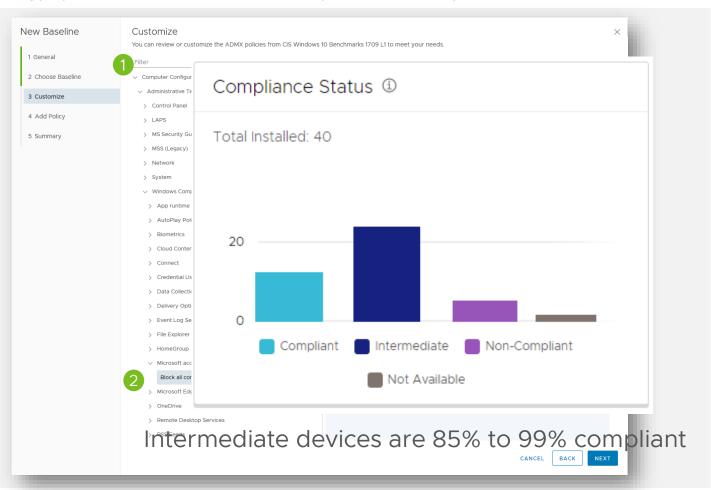
Extend visibility and management to 100% of devices with cloud-native, off-domain policy management

Workspace ONE Baselines



Keep your Devices Secure and Aligned with Industry Standards

✓ No "gpupdate /force"
✓ No VPN required
✓ Query results over the air



Overview

Allows you to keep your devices secure and aligned with industry standards such as CIS Benchmarks and Windows 10 Security Baselines. With Baselines, you set your preferred configuration over-the-air including additional policies and your devices maintain these settings.

Benefits

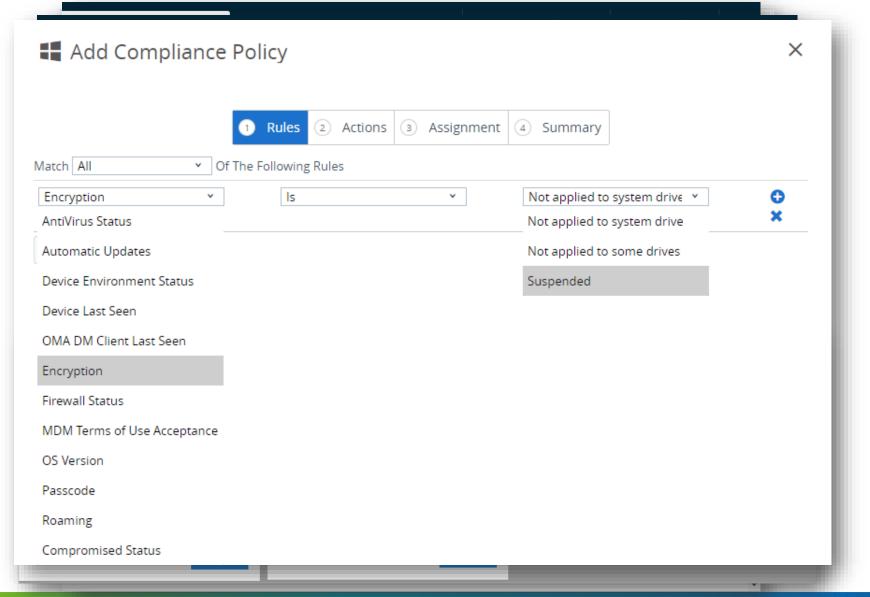
Simplifies configuring and maintaining group policy and save admins time and effort.

Using these templates will reduce the time of going through documentation to configure, assess, audit and remediate group policy.



Enabling BitLocker Encryption

to Remote Windows 10 Devices





Outcome

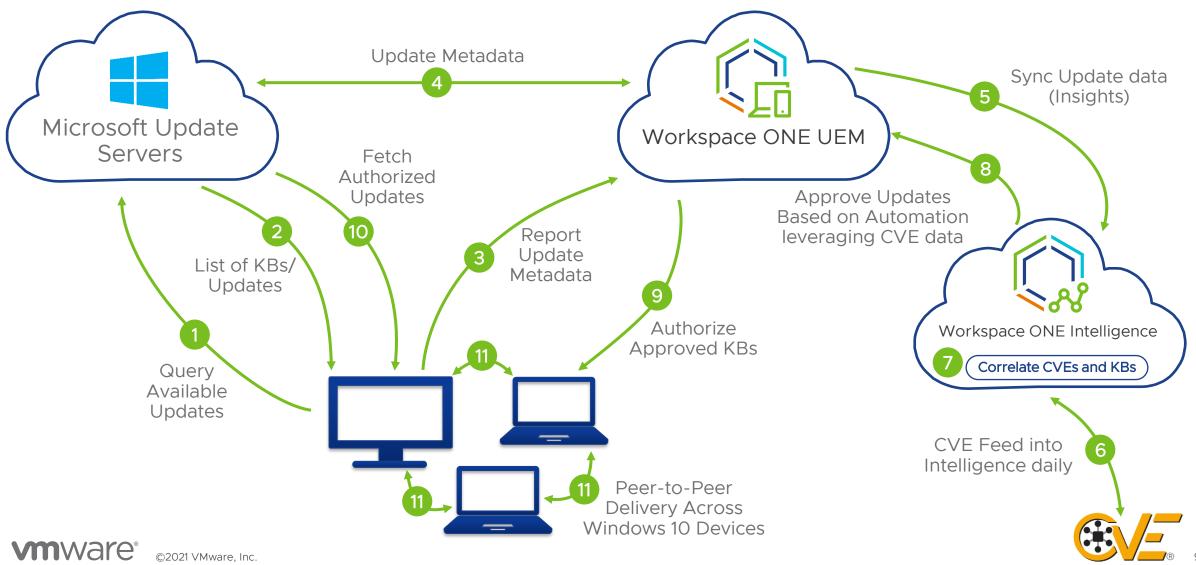
Secure your organization data on Windows Desktop devices with the Encryption profile. The Encryption profile sets the native BitLocker encryption policy on your Windows Desktop devices to ensure data remains secure.

Benefits

- ✓ Eliminate third-party license cost
- ✓ Local enforcement for off-network & offdomain devices
- ✓ Granular, role-based access controls
- ✓ Simple profile with comprehensive controls
- ✓ Auto escrowing of recovery keys
- ✓ Self-service portal key retrieval

Windows as a Service Requires a New Architecture





Cloud-Scale Software Distribution



Powered by a Content Delivery Network (CDN) and Peer-to-Peer (P2P) technology



Manage ALL Device Eco-Systems in a Unified Console



iOS | MacOS | tvOS

Apple caching server | Apple Business Manager



Windows 10

Adaptiva OneSite | Branche Cache Hosted Cache | Distributed Cache



Android | Chrome | Rugged

Google Play | Public | Private



Purpose Built Devices | Rugged Devices

Relay Servers

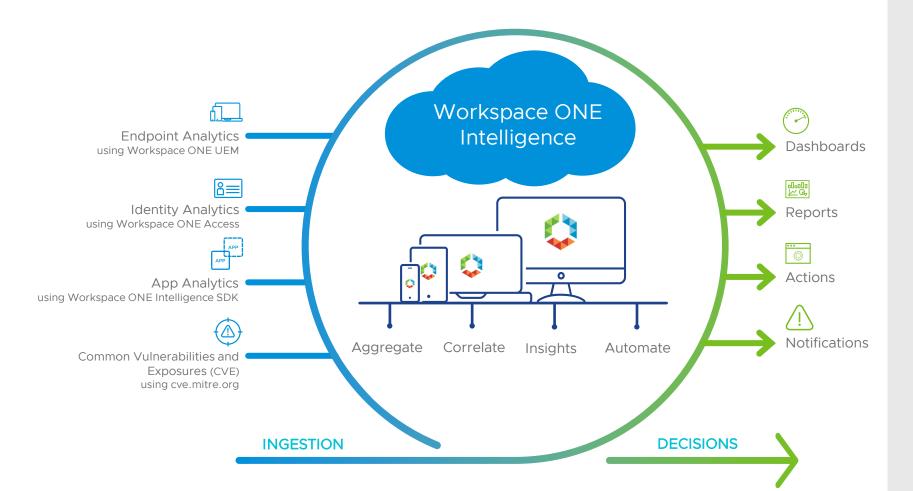




Workspace ONE Intelligence

Insights and automation for the modern digital workspace







Integrated Insights: Get complete visibility into your digital workspace and enable data driven decisions across your entire environment.



App Analytics: Optimize app development and deployments across the organization to quickly resolve issues, reduce escalations and increase user experience.



Powerful Automation:

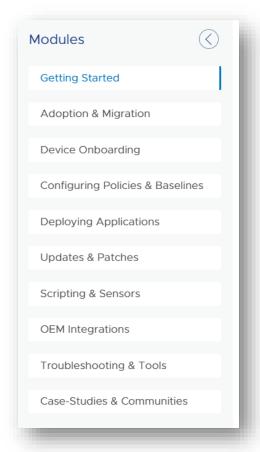
Automate processes to increase security hygiene across your environment, meet compliance requirements and increase employee productivity.

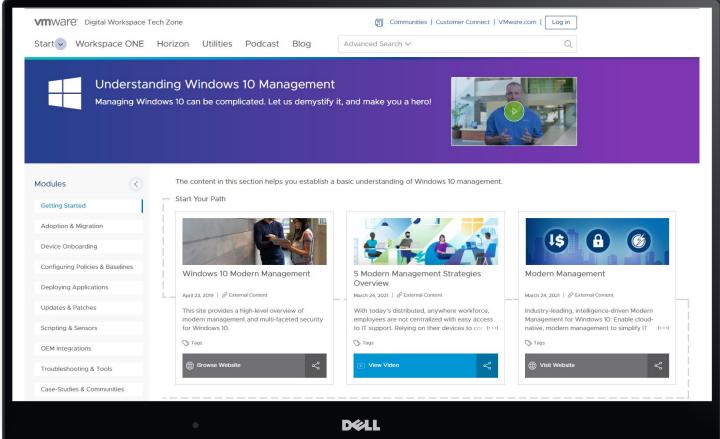


Understanding Windows Modern Management

Windows Modern Management

https://via.vmw.com/LearnWindows







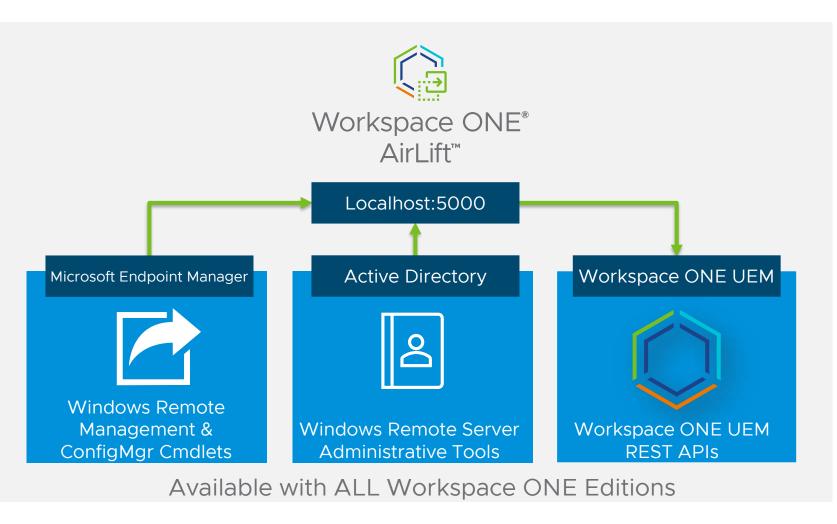




AirLift Simplifies Transition to Modern Management



Migrate Group Policies, Applications and Map Device Collections



Migrate to Modern Management

Migrate existing Group Policies, Applications, and Devices for Over the Air management with Workspace ONE

AirLift Benefit

- √ Web-based Admin Experience
- √ Fully Productized and Supported
- ✓ Migrate to Modern Management with a few clicks
- ✓ Application Export Validation
- ✓ Group Policy Validation and mapping to MDM Policies

mware[®]

Installation and Requirements

Quickly Install Workspace ONE AirLift



AirLift VM

- (Recommend Small Dedicated VM with Good SCCM Connectivity)
- AirLift Installer will Download & Install SQL Express and MongoDB
- □ AirLift will Create Two Services that Run under 'Network Service'
- Windows Remote Server
 Administration Tools (RSAT)
 tool for Policy Migration

Microsoft Endpoint ConfigMgr

- □ SCCM Account with at Least Read-Only Permissions
- Additional access needed to create Enrollment App from AirLift (Optional)
- □ SCCM Account must be Remote Management Group (Win RM)
- SCCM Site Code
- SCCM Device Collections with Active Windows 10 Devices

Workspace ONE UEM

- Admin with API Access & REST API Key
- Device Services, Console, API URLs



Track Modern Management progress

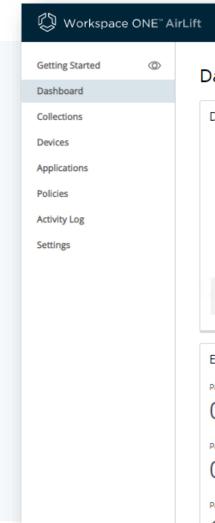


Track Modern Management progress with the AirLift Dashboard

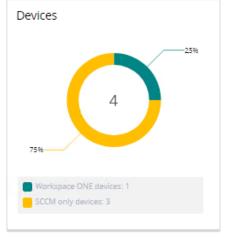
Displays TOTAL amount of Devices, Applications and Policies from ConfigMgr/AD

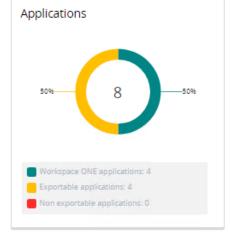
Number of Devices, Applications and Policies VALIDATED that can be exported into Workspace ONE UEM

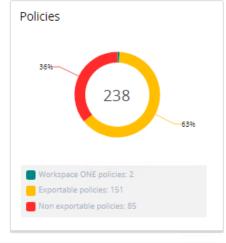
✓ Green – Migrated to
 Workspace ONE
 ▲ Yellow – Ready to migrate
 X Red – Can not Migrate



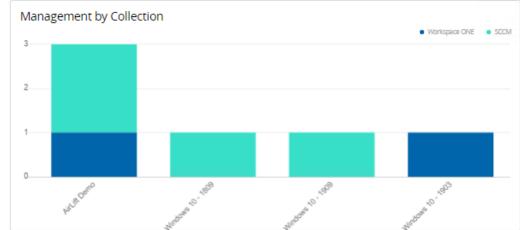
Dashboard







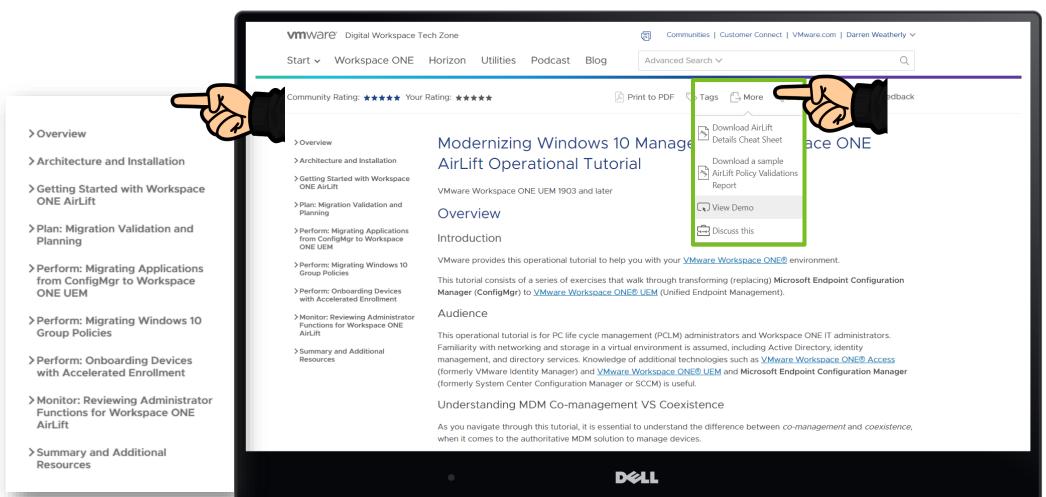






Modernizing Windows 10 Management

Digital Workspace Tech Zone @ https://via.vmw.com/AirLiftTutorial



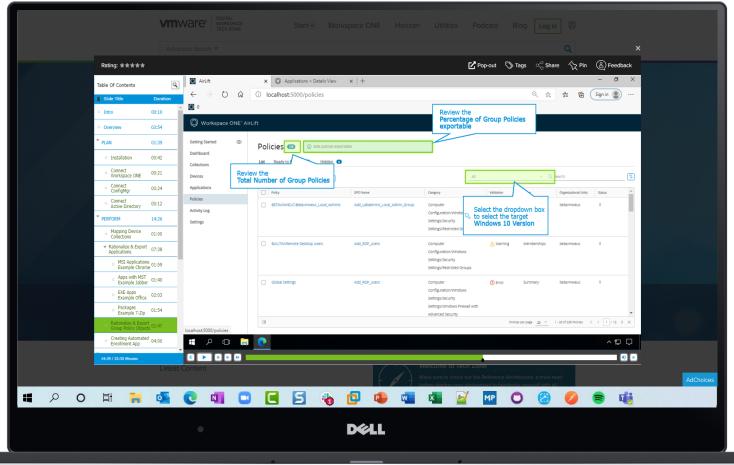




Workspace ONE AirLift: Interactive Demo

Digital Workspace Tech Zone @ https://via.vmw.com/AirLiftDemo







Migrate Applications

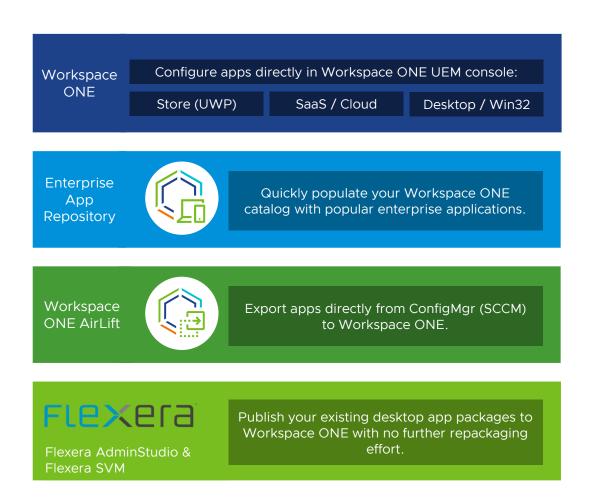
from ConfigMgr to Workspace ONE UEM

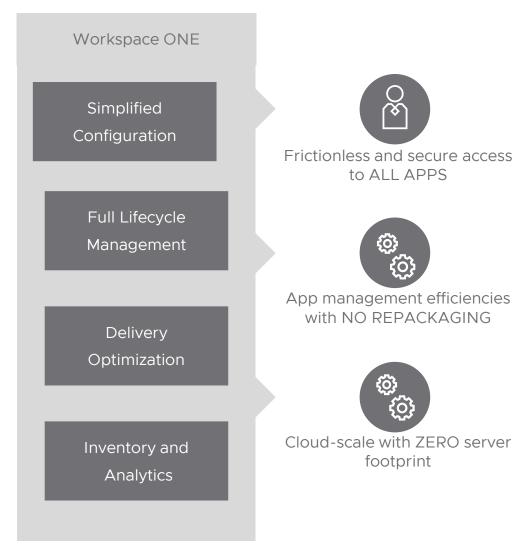


Export Apps From Existing Tools



Simply migrate apps from existing tools for easy app publishing





Windows 10 Application Management Capabilities





Native Application Support



- EXE, MSI, ZIP, APPX
- Framework + Libraries
- Dependency Mapping
- Device + User assignment
- Define Install Criteria



Simplified Configuration



- MST Support
- Managed app settings
- Custom Packaging



Advanced Lifecycle Mgmt.



- Cumulative and Additive Patching (MSP)
- Self Service Versioning Controls
- Application Approvals



Inventory and Reporting



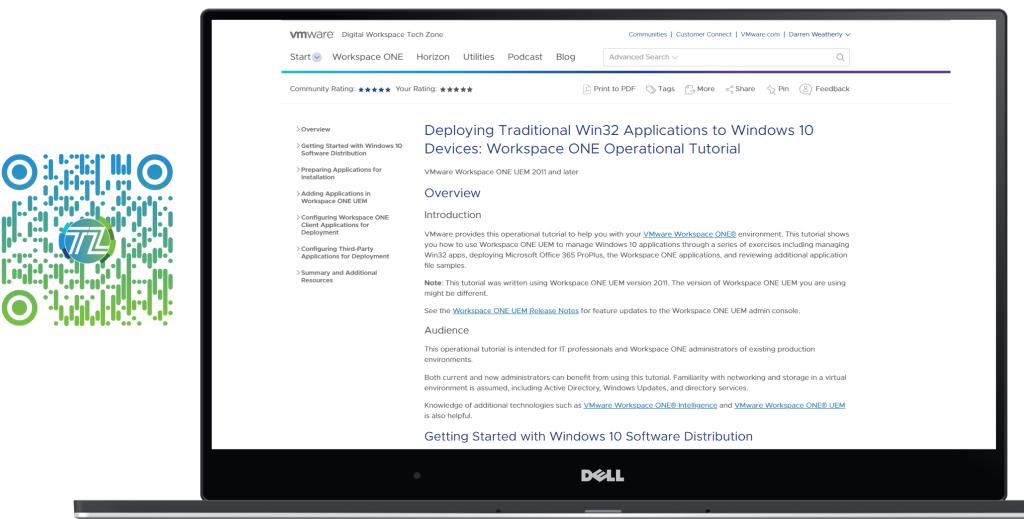
- List of apps per device
- App adoption status
- Installation status
- Pre-defined reports



Deploying Traditional Win32 Applications

Evaluate & Migrate Apps

Digital Workspace Tech Zone @ https://via.vmw.com/Win10Applications







Introducing the Enterprise Application Repository



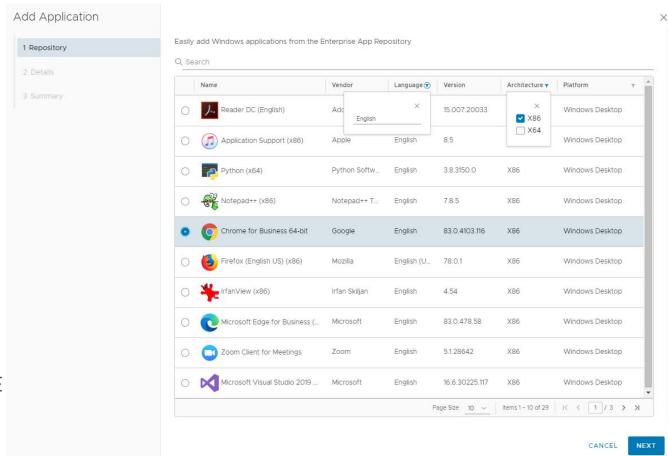
Offers a curated catalog for the most widely-used enterprise apps

Overview

The Enterprise Application Repository in Workspace ONE UEM console 20.07+ allows you to easily set up common applications. You can quickly add Win32 applications to your Workspace ONE catalog in just a few clicks. Once the applications are added, they can then be distributed and installed on devices. Admins can leverage filters for Language and Architecture or use the Search capabilities to quickly find apps. Only supports Windows 10 1809+ and Workspace ONE UEM SaaS environments.

Benefit

Leverage the Enterprise Application Repository to quickly and effortlessly populate your Workspace ONE catalog with the most widely-used enterprise apps with a few simple clicks.





Introducing the Enterprise Application Repository



Sample of supported apps in the Enterprise App Repository



Overview

Workspace ONE UEM Cloud 20.07+

Windows 10 1809 +

Submit app requests to

EARRequests@vmware.com

Follow @EntAppRepo on Twitter

Benefits

Multiple Language Support

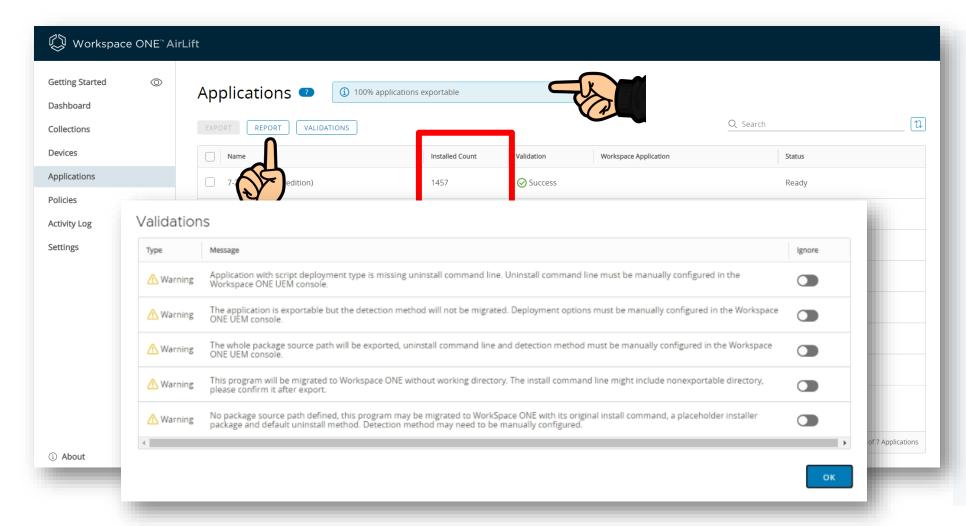
Top 50 – 100 most used Enterprise Apps
x64 and x86 Architecture Support

Deploy apps in a few clicks

Application Report and Export enhancements



Report on application install count – Support for MST and MSP app export



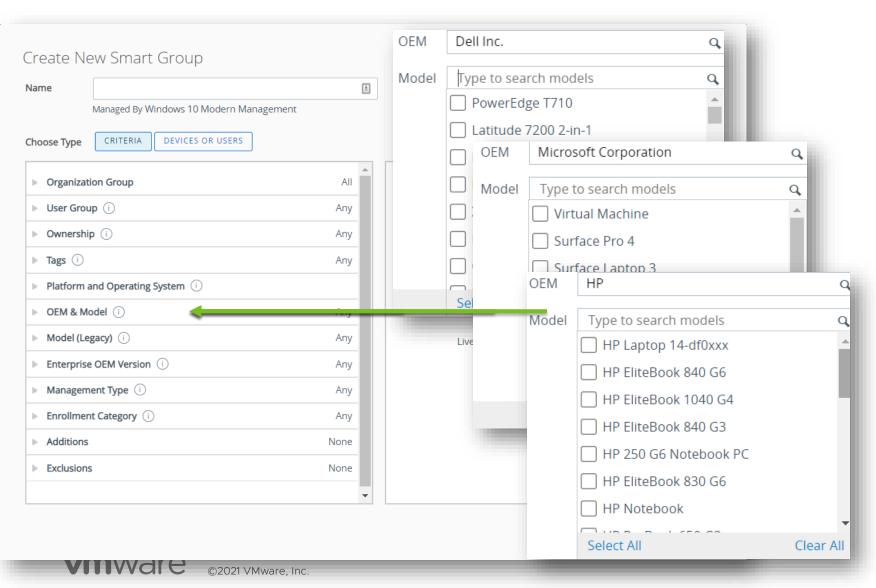
- ✓ Can migrate applications that contain MST and MSP files
- ✓ Displays application install count from SCCM
- ✓ Helps determine most important applications to migrate



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Workspace ONE Assignment Groups

Target applications to required Criteria, Devices or Users





Assignment Groups

Assignment groups consist of elements such as Organization Groups, User Groups & Smart Groups and can be used to assign applications to user devices.

Benefits

Assignment groups enable an administrator to manage these three grouping structures from a single location. Filter by:

- ✓ OS Version
- ✓ Device Tags
- ✓ Device Ownership
- ✓ Make and Model of Device

Evaluating & Analyzing your Current GPOs



Moving to Cloud-Based Configuration Policies



Flexibly migrate required configuration policies to modern management



PLAN & PREPARE

First determine your current GPO estate to plan your migration strategy. Ask the questions now, save the time later!



RATIONALIZE EXISTING GPOS

Analyze current GPOs and determine which are necessary going forward using Workspace ONE AirLift or other tools



CONFIGURE MODERN MDM SETTINGS

Start with MDM profiles built in the OS & Workspace ONE; Apply Custom CSPs using VMware Policy Builder



HANDLING UNMAPPED GPOs

Deliver Baselines for maximum GPO coverage or migrate policies using Workspace ONE AirLift



CONTINUOUS ENFORCEMENT

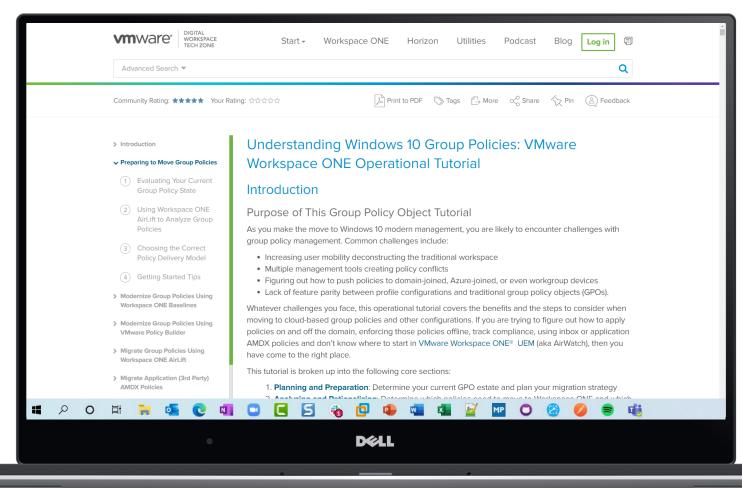
Validate policy enforcement and compliance through reporting in Workspace ONE



Understanding Windows 10 Group Policies Operational Tutorial

Digital Workspace Tech Zone @ https://via.vmw.com/CloudGPOs









Dealing out the Questions

Policy Planning and Preparation





Are the endusers on the managed Windows 10 devices local admins?



Are you currently or planning to Azure Cloud join your Windows 10 devices?



Are you currently or planning to use an industry-standard baseline?



Do you want to move all policies or a sub-set of policies over to Workspace ONE UEM?



Are you ready to manage all your policies from the cloud?











Baselines should be used to control enforcement of policies On-premises policies require devices be joined to the local domain

Baselines provides industry-standard templates which can be customized

AirLift supports generating a report of Windows 10 GPOs

Single source of truth prevents policy conflict & collisions concerns



Assess your Current Policy Landscape Traditional Group Policy Management

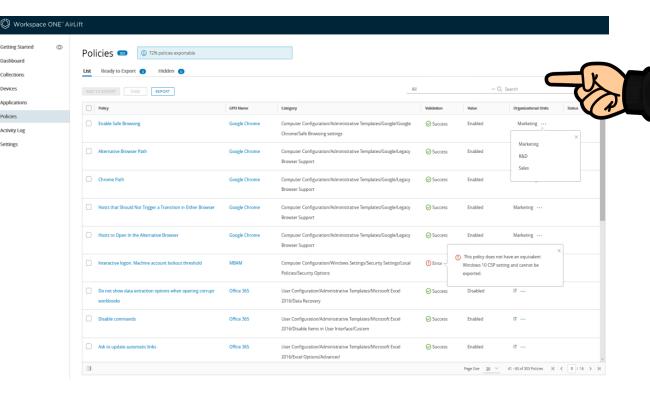




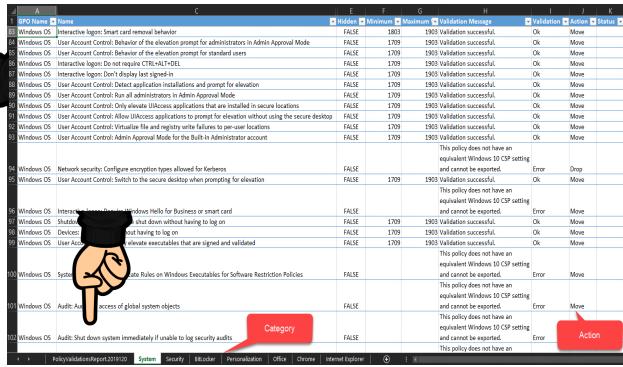
Activity Log

TIP: Try to start fresh with Baselines, if not determine what needs to move & how to move it

ANALYZING



RATIONALIZING





Migrating Policies

Using Workspace ONE AirLift



32



Success

The GPO policy maps to a valid MDM policy.

You can export policy with a successful validation.



Error

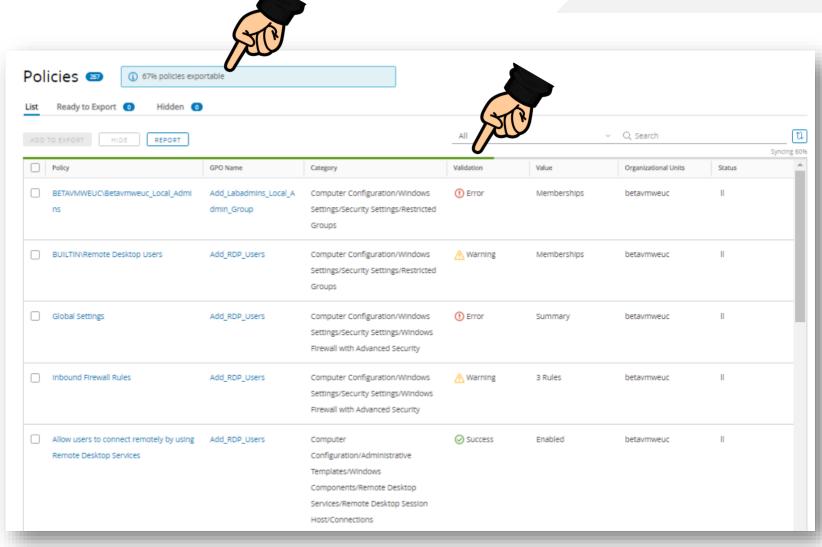
The GPO policy does not map to a valid MDM policy. You cannot export policy with an error.



Warning

The GPO policy maps to a valid MDM policy but has some additional information.

This information can include warning you about limited support for policies based on the OS version. You can export policy with a warning.





VMware Workspace ONE AirLift

Policy Export – What Happens?

> Network > betavmweuc.com > SYSVOL > betavmweuc.com > Policies :

AirLift Converts existing Group Policies to Windows 10 CSPs

- Group Policy to MDM CSPs
- Validation for compatibility
- Search and Filter by GPO or subject
- Filter by Win10 Versions
- Export policies in batch

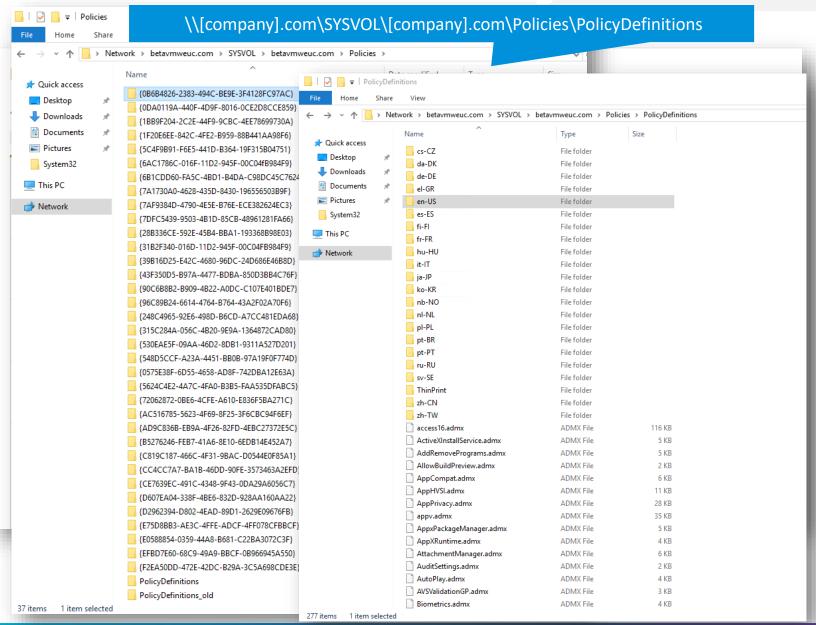
Plan the right approach for each use case

- AirLift Third party ADMX. SyncML mgt, MDM priority
- Baselines GPO to GPO, coverage is priority, Benchmarks

Destination

- Over the air policy management
- No reliance on GPupdate, VPN, or domain
- Optimize for Modern Management or Coverage and Control





Moving to Cloud

Based Policies

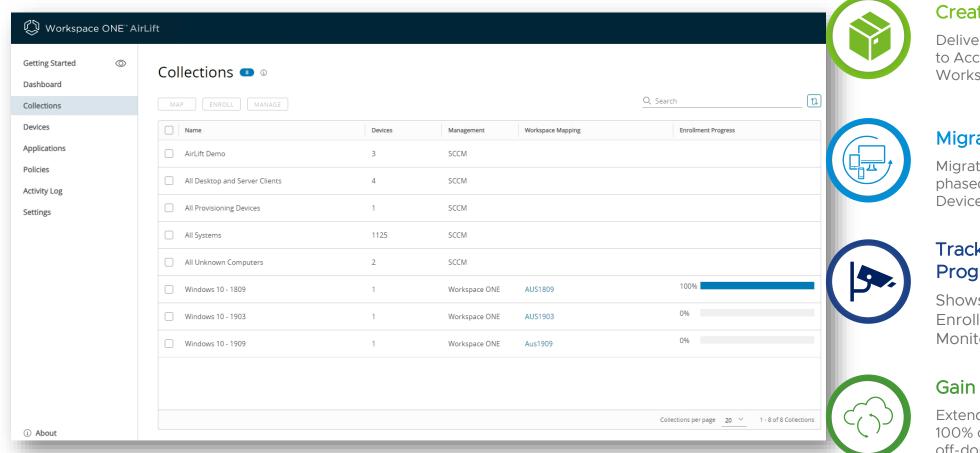
Migrate Existing Domain joined devices



Onboarding Devices with Accelerated Enrollment



Enroll SCCM Managed Devices Silently into Workspace ONE UEM



Create Enrollment Application

Deliver the Workspace ONE Intelligent Hub to Accelerate device onboarding to Workspace ONE.

Migrate devices by Collections

Migrate devices by Collections to enable a phased migration and target specific Devices and Users.

Track & Monitor Onboarding Progress

Shows number of Device Collections & Enrollment Progress of Collections for Monitoring

Gain Visibility & Management

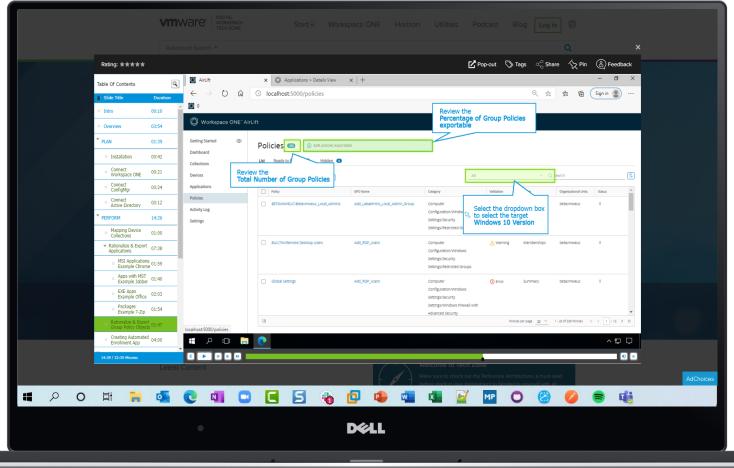
Extend visibility and management to 100% of devices with cloud-native, off-domain policy management



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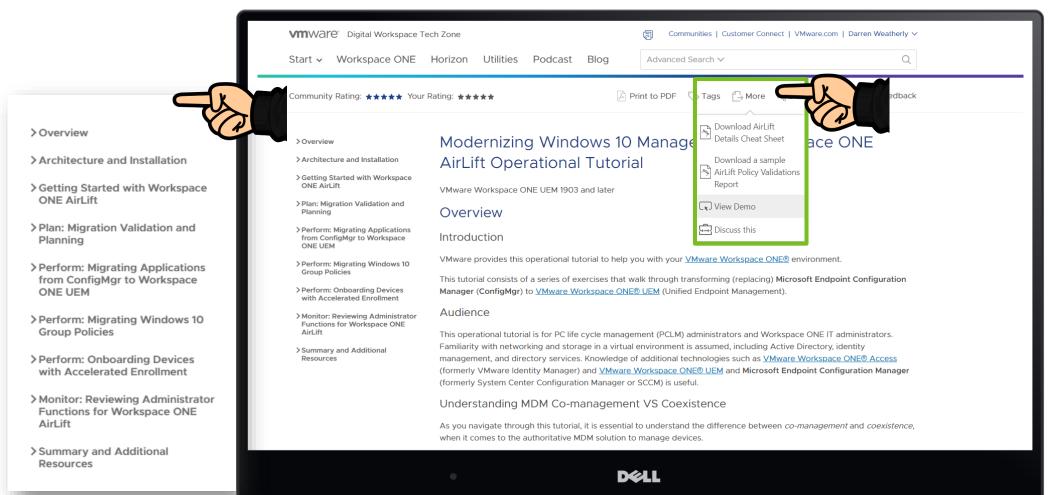






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Thank you!



