### **AAD Device Re-enrollment Without Wipe to Workspace ONE UEM**

This guide explains how to re-enroll Azure Active Directory (AAD) or EntralD devices into Workspace ONE UEM without wiping the devices. It is particularly helpful for migrating devices from **Windows Multiuser Phase 1** to **Windows Multiuser Phase 2**.

### **Prerequisites:**

### 1. Workspace ONE UEM Admin Access

Ensure you have administrative privileges within the Workspace ONE UEM environment.

### 2. Workspace ONE UEM OAuth Credentials

These credentials are needed to authenticate API calls to Workspace ONE UEM.

### 3. Windows Configuration Designer (ICD)

Install the Windows ICD tool to create provisioning packages (PPKG) required for Azure AD bulk join.

### 4. Azure AD / EntraID Bulk Join Token Credentials

Access to Azure AD to create bulk join tokens is necessary for registering devices with AAD.

## 5. Access to the MDM Application in Azure AD / EntralD

Ensure you have access to the Mobile Device Management (MDM) application inside Azure AD to link with Workspace ONE UEM.

### Steps to Re-enroll Devices

### Step 1: Create a PPKG with the Bulk Join Token

To automatically join devices to Azure AD during re-enrollment, you need a provisioning package (PPKG) containing the bulk join token.

- 1. Open Windows Configuration Designer (ICD).
- 2. Select **Provisioning package (PPKG)** and choose the **Bulk token** join option.
- 3. Enter the Azure AD bulk join token credentials.
- 4. Save the PPKG to a known location on your device.

### Step 2: Download Workspace ONE Intelligent Hub

The Intelligent Hub application is required for re-enrolling devices into Workspace ONE UEM.

- 1. Download the **Workspace ONE Intelligent Hub** for Windows from the official downloads page.
- 2. Save the downloaded executable to the same location where the PPKG is stored.

### **Step 3: Download the Sample Migration Scripts**

provides scripts to automate the migration and re-enrollment process. These scripts handle the communication between the devices and Workspace ONE UEM during the re-enrollment process.

- 1. Download the sample scripts
- 2. Ensure the scripts include API interactions for device registration and configuration of the Intelligent Hub.

### **Step 4: Add the Required API Credentials**

The migration scripts require API credentials to interact with Workspace ONE UEM. This includes OAuth credentials for authentication and device management.

- 1. Open the start.ps1 script in a text editor.
- 2. Locate the section where the API credentials are required in line 4,5 & 8.
- 3. Input the following details:
  - Workspace ONE UEM API Key Line 4
  - Workspace ONE UEM Tenant URL Line 5
  - Workspace ONE UEM OAuth Client ID in Line 8
  - Workspace ONE UEM OAuth Client Secret in Line 8
  - Workspace ONE UEM OAuth Endpoint URL in Line 8
- 4. Save the modified script.

Also for the postmigration.ps1 add the following information:

- 1. Open the postmigration.ps1 script in a text editor.
- 2. Locate the section where the API credentials are required in line 1 4.
- 3. Input the following details:

- Staging Username in Line 1
- Staging User Password in Line 2
- Workspace ONE OG ID in Line 3
- Workspace ONE Device Server URL in Line 4
- 4. Save the modified script.

### **Step 5: Zip the Content**

Once you have the PPKG, Intelligent Hub installer, and updated scripts, you need to package them together into a single ZIP file.

- 1. Create a new folder and place the following inside:
  - o The **PPKG** file created in Step 1.
  - The Workspace ONE Intelligent Hub installer.
  - The modified migration **scripts**.
- 2. Zip the contents of the folder into a single .zip file.

Name	Date modified	Туре	Size
AADJoin.cat	11/09/2024 11:55	Security Catalog	1 KB
AADJoin.ppkg	11/09/2024 11:55	RunTime Provisio	10 KB
AirwatchAgent.msi	11/09/2024 12:11	Windows Installer	267.036 KB
🙀 cleanup.ps1	12/09/2024 15:35	Windows PowerS	2 KB
install.ps1	12/09/2024 11:33	Windows PowerS	3 KB
postmigration.ps1	12/09/2024 15:56	Windows PowerS	3 KB
i start.ps1 istart.ps1	12/09/2024 15:39	Windows PowerS	4 KB
🔤 AADJoin.zip	12/09/2024 15:39	Compressed (zipp	265.267 KB

### Step 6: Upload the ZIP and Create a New Application in Workspace ONE UEM

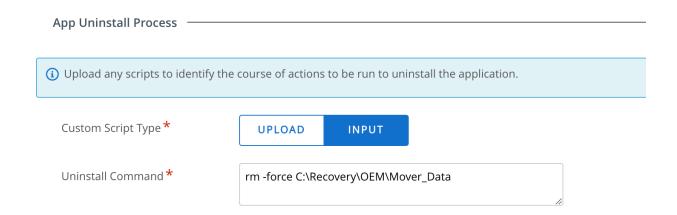
- 1. Log in to the Workspace ONE UEM Console.
- 2. Navigate to Apps & Books > Applications.
- 3. Select **Add Application** and choose the **Windows** platform.
- 4. Upload the ZIP file created in Step 5 as the application payload.

5. Configure the application settings as needed (name, description, versioning, etc.).

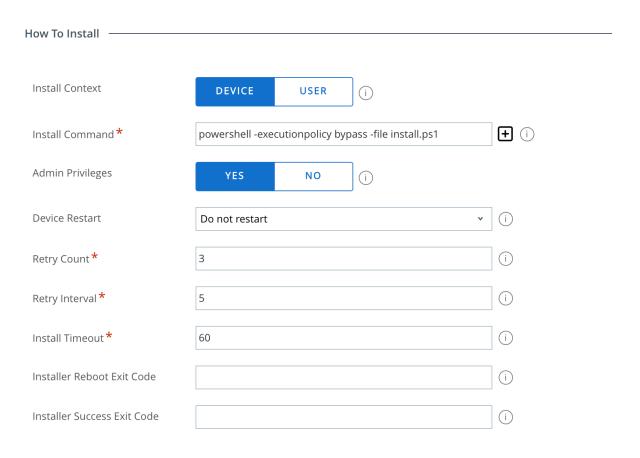
# **Step 7: Deploy the Migration Application**

Finally, deploy the application to the devices you want to migrate.

- 1. In the Workspace ONE UEM Console, navigate to Devices > Profiles & Resources > Add > Profile.
- 2. Attach the migration application you created and deploy it to the appropriate device group.
- As uninstall command, please use: rm -force C:\Recovery\OEM\Mover\_Data



 As install command please use: powershell -executionpolicy bypass -file install.ps1



5. As detection criteria please use:

File exists - C:\Recovery\OEM\Mover\_Data\start.ps1



- 6. Assign the application as optional app to the devices that should be re-enrolled.
- 7. Once the installation is triggered, the migration can't be stopped

### Conclusion

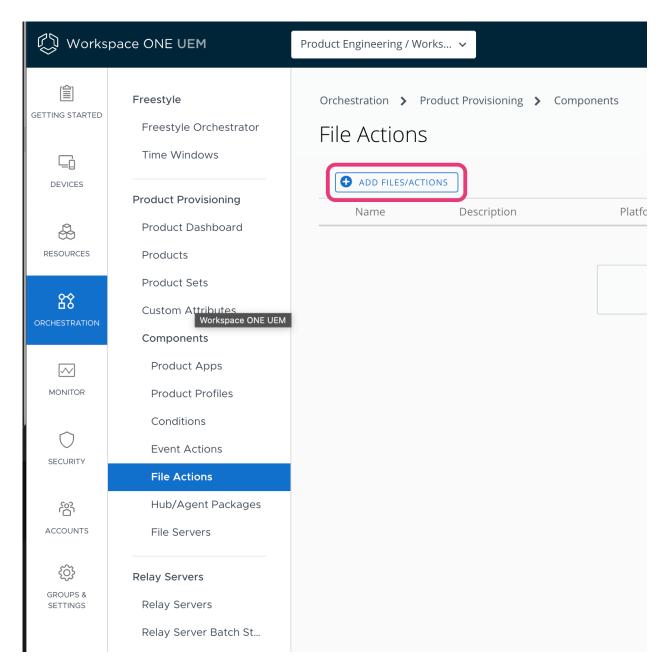
Following these steps will allow you to re-enroll Azure AD/EntraID devices into Workspace ONE UEM without the need to wipe the devices, facilitating a smooth migration from **Windows Multiuser Phase 1** to **Phase 2**.

Make sure to monitor the migration closely and perform testing on a sample group of devices before rolling it out to the entire fleet.

### **Download before installation:**

To speed up the process, Workspace ONE Intelligent Hub and the PPKG can be pre-staged via product provisioning.

Go to Product Provisioning -> File Actions -> Add Files/Actions



Select Windows and enter a name, upload the files – Intelligent Hub and PPKG.

As Download Path type in "C:\Recovery\OEM\Mover\_Data"

# Add Files File - 1 Name Mover.exe Download Path \* C:\Recovery\OEM\Mover\_Data Version \* 1.0

In "add Files/Actions" add a new installation Manifest and

# Add Manifest



Click "Save" and navigate with Products and add a new Windows Product.

Add a smart group

Select the created Manifest

# Add Manifest



### Click activate.

After that, the files getting downloaded and they can be excluded from the initial application.

This will help to pre-stage the content and speed up the migration since the data needs not to be downloaded after the installation was triggered.