ASSIGNMENT-03

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Assignment Topic: -

1. **How to Sync after App Assignment in Intune**
2. **Intunewin Conversion for Intune Upload**
3. **Registries with Respect to LOB and Win32 Apps**
4. **Specific Registry Keys for Install/Uninstall Status**

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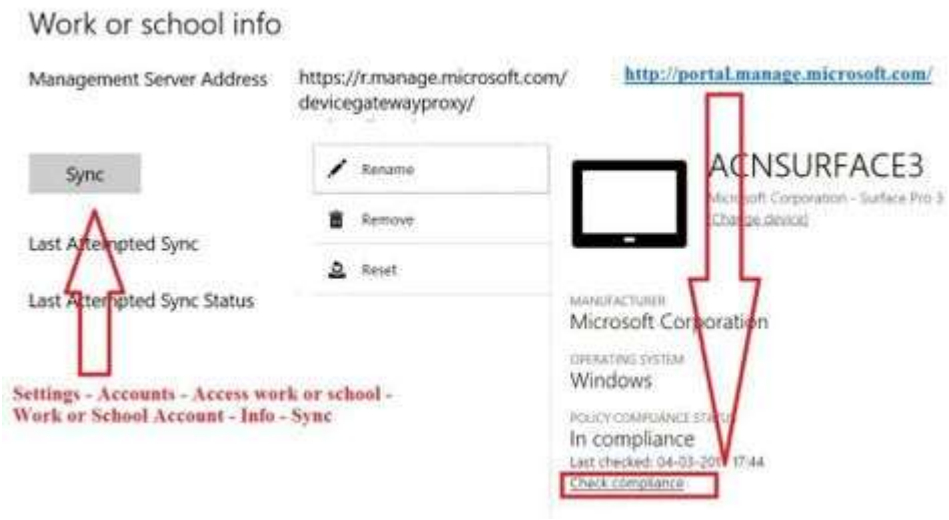
1. How to Sync After App Assignment in Intune

Summary:
Once you assign an app via Intune, the device may not receive the app immediately. To force or trigger the sync manually, there are a few methods available.



Steps:

- **Company Portal App:**
  - Open **Company Portal** → Tap **Settings** → Tap **Sync**
- **Windows Settings:**

- Go to **Settings > Accounts > Access Work or School** → Click connected account → Click **Info** → Click **Sync**

- **Intune Admin Center:**
  - Go to **Devices** → Select the device → Click **Sync**
- **Start Menu (Local User):**
  - Search **"Access Work or School"** → Click account → Click **Info** → Click **Sync**

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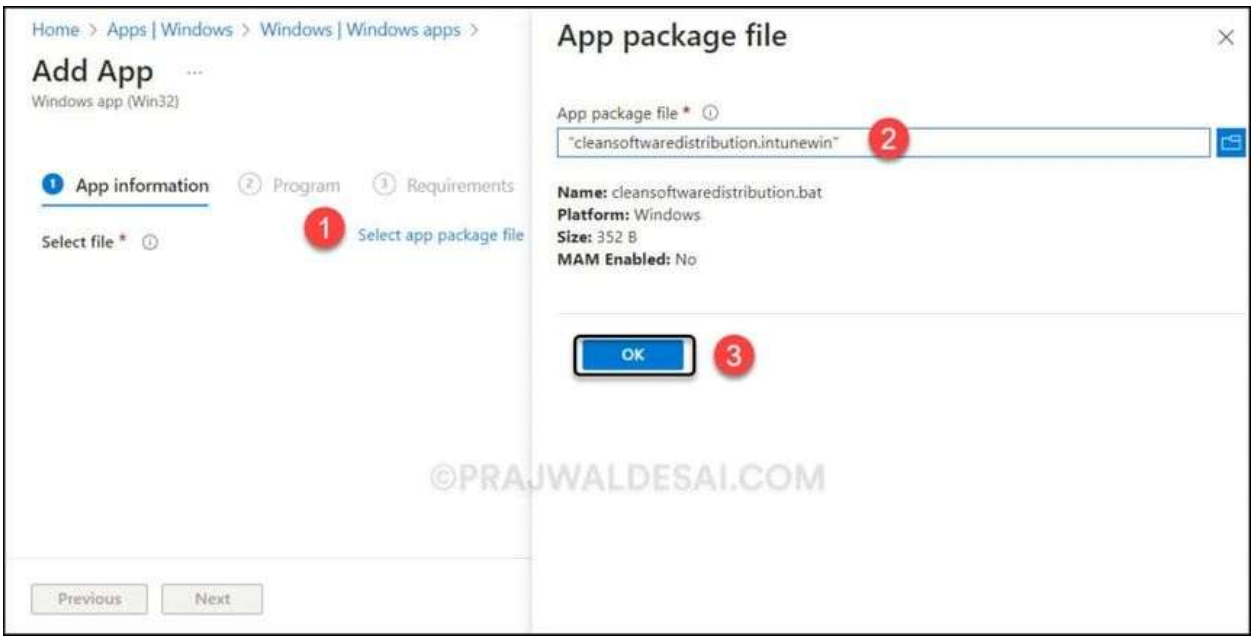
2. Intunewin Conversion for Intune Upload

Summary:
To upload a Win32 application to Intune, you must convert it into .intunewin format using the **Win32 Content Prep Tool**.



Steps to Convert:

1. Download Microsoft's **Win32 Content Prep Tool**
2. Place your .exe or .msi inside a folder
3. Run the tool from Command Prompt:
4. IntuneWinAppUtil.exe -c <source_folder> -s <setup.exe> -o <output_folder>
5. This creates a .intunewin file in the output folder
6. Upload it to Intune Admin Center and define:

- **Install Command** (e.g., setup.exe /silent)
- **Uninstall Command**
- **Detection Rules** (to verify install success)
- **Requirements** and **Dependencies**

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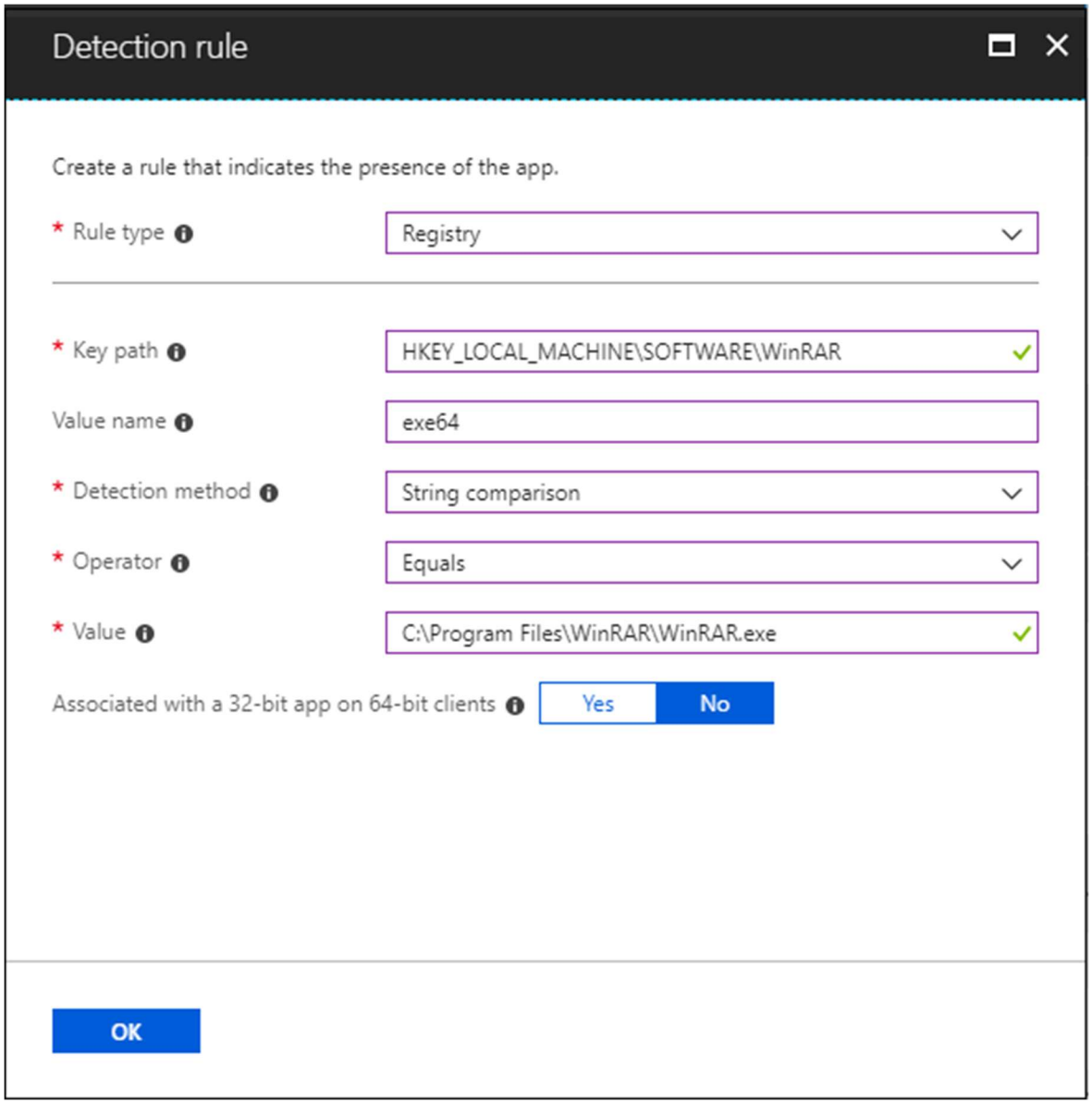
3. Registries with Respect to LOB and Win32 Apps

Summary:
Registries are used by Intune and Windows to detect whether an app is installed, define configurations, and enforce behavior. LOB (Line-of-Business) apps and Win32 apps can both use registry-based detection.



Registry Use Cases in Intune:

- **Detection Rules:**
  Define rules to check registry keys or values like version or install path.
- **Configuration Storage:**
  App settings (like license keys, preferences) are often stored here.
- **Repair and Troubleshooting:**
  Incorrect registry entries may cause failed installs or improper behavior.

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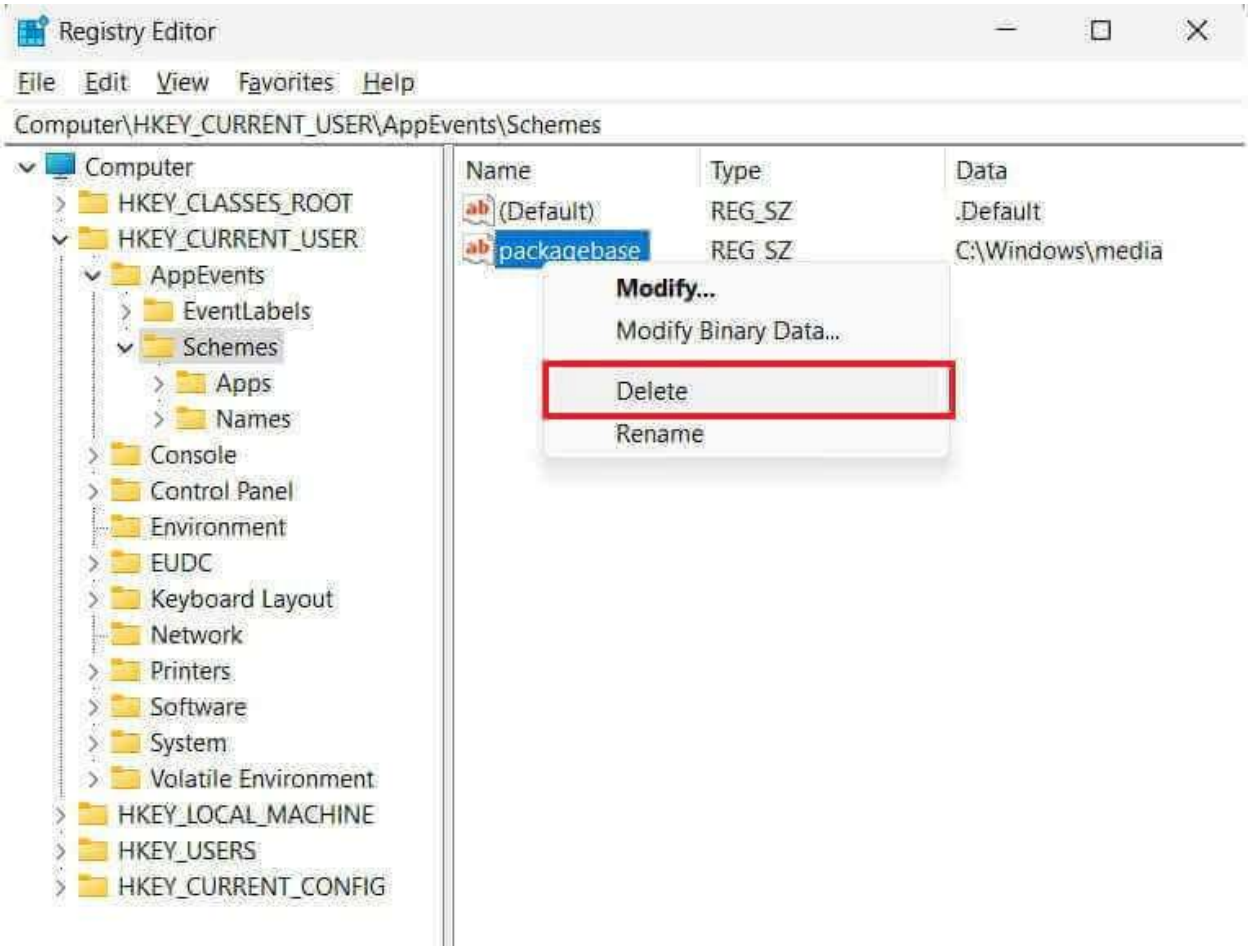
4. Specific Registry Keys for Install/Uninstall Status

Summary:
Windows maintains uninstall-related data in specific registry paths. These can help you track installations, gather GUIDs, or uninstall using msiexec.



Common Registry Paths:

- For 64-bit apps:
  HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall
- For 32-bit apps on 64-bit OS:
  HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall

What's inside?

- **DisplayName** – App Name
- **UninstallString** – Used to remove the app
- **Publisher, Version, InstallDate** – Helpful info

Uninstall Example Using Registry Info:

msiexec /x {GUID} /qn

Where {GUID} is the product code from the registry.

Final Thoughts on Today's Learning

Today’s topics covered key practical skills that every IT professional dealing with application deployment should know. From understanding **how to sync devices after assigning apps in Intune**, to the difference between **interactive and non-interactive applications**, each topic built a stronger foundation for managing and troubleshooting modern app delivery.

We explored how **.intunewin packaging** allows seamless cloud-based deployments via Intune, and how **registries** play a crucial role—not just in detection and configuration—but in confirming whether an app was installed or removed properly. Knowing where to find these keys and how to read them gives you control and insight behind the scenes.

Altogether, the sessions emphasized not just tools and commands, but how to **think like a packager or deployment engineer**—focusing on automation, user experience, and reliability. Whether you’re working with Win32 apps, LOB deployments, or system scripts, the knowledge gained today forms the backbone of efficient software management in enterprise environments.