

Batch Name: WiproNGA_DWS_B5_25VID2550

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Batch ID: B5-25VID2550

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1. Interactive vs. Non-Interactive Applications

In software deployment, understanding whether an application runs interactively or silently is important for packaging and automation.

Interactive Applications

- Require the user's input during installation or use.
- Show windows, dialog boxes, or prompts.
- Often block automation unless configured for silent install.
- Example: A setup that asks for a license key or installation folder.

Packaging Approach

- Use silent switches such as /quiet, /silent, /qn (MSI) or create response files to suppress prompts.

Non-Interactive Applications

- Install without any prompts or user action.
- Suitable for large-scale deployment through SCCM, Intune, or scripts.
- Example: MSI with /qn, EXE with /S or /norestart.

Task Manager			
File Options View			
Processes Performance Users Details Services			
Name	Status	1% CPU	17% Memory
Apps (1)			
> Task Manager		1.0%	17.5 MB
Background processes (54)			
AggregatorHost.exe		0%	0.6 MB
Application Frame Host		0%	3.1 MB
> cmupdate.exe		0%	5.2 MB
COM Surrogate		0%	2.6 MB
> COM Surrogate		0%	17.9 MB
> COM Surrogate		0%	3.3 MB
CTF Loader		0%	3.2 MB
> Distributed File System Replicati...		0%	9.5 MB
> Domain Name System (DNS) Se...		0%	449.2 MB

Interactive application

Non-Interactive applications

2. Application Assignments (Required vs. Available)

Required Apps

- Automatically installed without user action.
- Ideal for business-critical software (antivirus, VPN, MS Teams).
- Can be reinstalled if removed.

Available Apps

- Listed in the Company Portal for optional installation.
- Useful for non-essential tools like PDF readers or developer utilities.

Best Practice Table

Scenario	Type
Security software	Required
Optional productivity tools	Available
Testing in small user groups	Available
Guaranteed presence on all devices	Required

3. Users, Groups, and Dynamic Queries

- **Users:** Local (PC-specific) or domain (AD-managed) accounts.
 - **Groups:** Collections of users for targeted deployments.
 - Security Groups control access to apps and files.
 - Distribution Groups are email-based (no app access control).
 - **Dynamic Queries:** Auto-populate groups based on device/user attributes (e.g., OS version, department).
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4. IME Process Flow in Intune (Windows Client)

1. **Polling** – IME contacts Intune every ~60 minutes to check for new apps or updates.
 2. **Detection** – Verifies if the app is already installed using detection rules (registry, files, MSI code).
 3. **Installation** – Downloads and installs silently.
 4. **Post-Detection** – Rechecks installation success/failure.
 5. **Notifications** – Displays success/failure messages based on settings.
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5. Registry in LOB & Win32 Apps

- **LOB Apps:** Internal-use apps, registry stored in **HKCU** (user) or **HKLM** (device).
 - **Win32 Apps:** Traditional EXE/MSI apps, generally system context (HKLM).
 - Registry keys store licensing, configuration, and install state.
 - Intune uses registry checks for detection and requirements.
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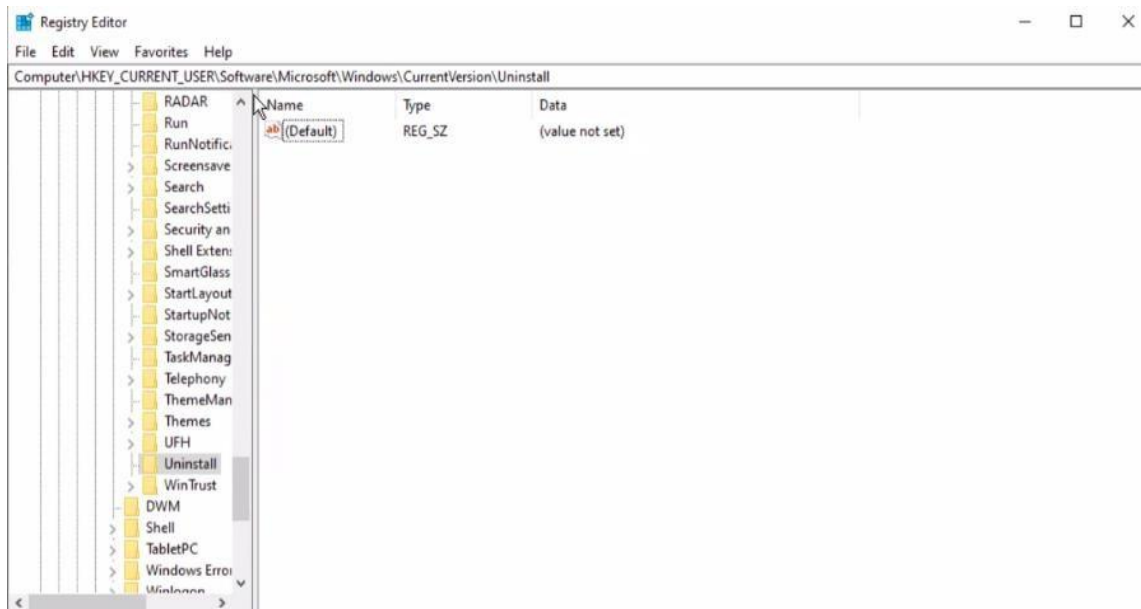
6. Installation Status via Application GUID

- **Paths:**
 - Per machine:
HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall
 - Per user: HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall
- GUIDs uniquely identify apps.
- Uninstall Example:

cmd

CopyEdit

```
msiexec.exe /x {GUID} /QN /L*V "C:\Logs\app-uninstall.log"
```



7. Log File Locations & Company Portal

Event logs capture system and app activity, including:

- **Time** – When it happened.
- **Type** – Error, Warning, Info.
- **Details** – Error codes, affected components.

Log categories include System, Application, Security, and Audit logs.

8. Syncing Devices After Assignments

From Company Portal

1. Open portal → Settings → Sync.

From Intune Admin Center

1. Devices → Select Device → Sync.

From Windows Settings

1. Accounts → Access work or school → Info → Sync.

From Taskbar/Start Menu

1. Right-click Company Portal icon → Sync this device.

