

Intune Application Deployment Process

Microsoft Intune uses the **Intune Management Extension (IME)** to deploy applications to Windows devices. The process includes four key steps: **Polling**, **Detection**, **Installation**, and **Notification**.

1. Polling

- The IME regularly checks with the Intune server for any new or updated apps.
 - This keeps the device in sync with assigned applications.
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2. Detection

- **Before Installation:** Intune checks if the app is already installed using detection rules.
 - **After Installation:** These rules are re-checked to confirm the app was installed successfully and running correctly.
 - Detection rules can look for things like files, registry entries, or running processes.
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3. Installation

- If the app isn't detected, the IME starts the installation.
 - The `.intunewin` app file is downloaded and unpacked on the device.
 - The installation command (like `msiexec`) is run as configured by the admin.
 - Intune monitors the process; if it takes too long or fails, it's marked as failed.
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4. Detection and Notifications

- After installation, Intune checks again if the app was installed successfully.
- A toast notification is shown to the user with the success or failure message.
- Notifications can include text, icons, and actions.
- The device may restart if required by the app or policy.