**create document on 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.

**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.

**3. Installation**

* If the app isn't found 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.

**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**.**