**Title: Intune Application Deployment Process**

**Overview:** Microsoft Intune provides a streamlined, cloud-based method to deploy and manage applications across Windows devices. This document outlines the complete process for deploying Win32 applications using Microsoft Intune.

**Step-by-Step Deployment Process**

**Step 1: Prepare the Application**

* Collect the application installer (e.g., .exe or .msi) and any required dependencies.
* Download the Microsoft Win32 Content Prep Tool.
* Package the application using the tool:

IntuneWinAppUtil.exe -c <source\_folder> -s <setup\_file> -o <output\_folder>

* + -c = source folder containing app files
  + -s = setup file (e.g., installer.exe)
  + -o = output folder for the .intunewin file

**Step 2: Add the Application to Intune**

* Sign in to the Microsoft Intune admin center: <https://intune.microsoft.com>
* Navigate to **Apps > Windows > + Add**.
* Select **App type**: *Windows app (Win32)*.
* Upload the .intunewin package.

**Step 3: Configure App Information**

* Provide app details:
  + Name
  + Description
  + Publisher
  + Category
* Define installation and uninstallation commands (e.g., setup.exe /quiet).
* Set detection rules (e.g., registry key, file path, MSI product code) to determine if the app is installed.
* Specify device requirements (OS version, architecture, etc.).
* Add dependencies or configure supersedence if needed.

**Step 4: Assign the Application**

* Choose assignment type:
  + *Required*: Automatically installs on assigned devices.
  + *Available for enrolled devices*: Users can install from the Company Portal.
  + *Uninstall*: Removes the app from targeted devices.
* Assign to appropriate Azure AD user or device groups.

**Step 5: App Delivery and Installation**

* Intune Management Extension (IME) downloads and installs the app.
* Installation is based on defined detection and requirement rules.
* The process runs silently unless user interaction is specified.

**Step 6: Monitor Deployment**

* In Intune, go to **Monitor > App install status**.
* Review deployment status:
  + Success
  + Failed
  + Pending
  + Not Applicable
* For troubleshooting:
  + Check logs at: C:\ProgramData\Microsoft\IntuneManagementExtension\Logs
  + Key log files: IntuneManagementExtension.log, AgentExecutor.log