Intune Application Deployment Process

To create a .intunewin file compatible with Intune, we will need to use the Microsoft Win32 Content Prep Tool. This tool converts various app installation files (like .msi, .exe) into the .intunewin format, which is then used for deploying applications to devices managed by Intune admin center.
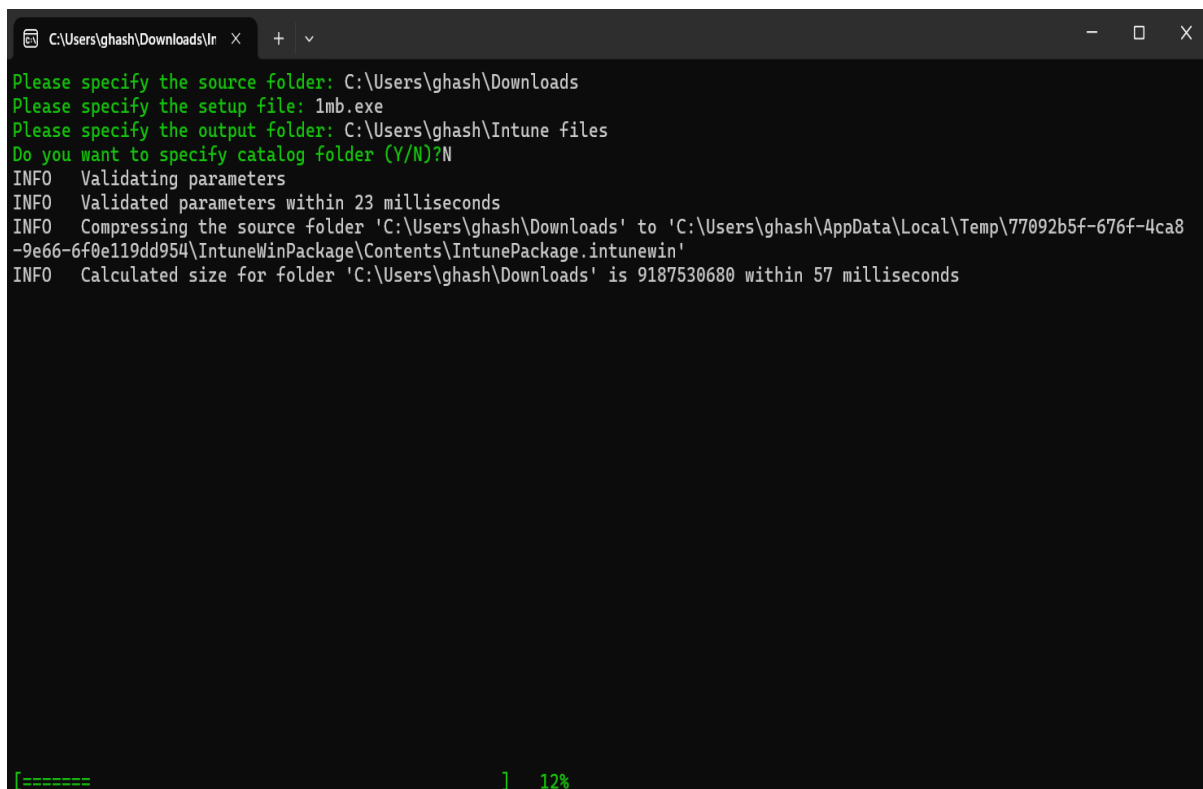
Step 1: - Download the Win32 Content Prep Tool

Download the Prep Tool from Github (https://github.com/microsoft/Microsoft-Win32-Content-Prep-Tool) or form Microsoft official documentation.

Step 2: - Prepare the app package

The tool takes your app installation files and convert them to .intunewin package. After downloading the tool from github we will get **intuneWinAppUtil.exe**

[Open **intuneWinAppUtil.exe** it will ask for source folder - where we have files, setup file - name of the file then it will ask for output folder - where we want to store .intunewin then it will ask for catalog folder simply say N.]

```
C:\Users\ghash\Downloads\In    +    ∨                                    —    □    X
Please specify the source folder: C:\Users\ghash\Downloads
Please specify the setup file: 1mb.exe
Please specify the output folder: C:\Users\ghash\Intune files
Do you want to specify catalog folder (Y/N)?N
INFO    Validating parameters
INFO    Validated parameters within 23 milliseconds
INFO    Compressing the source folder 'C:\Users\ghash\Downloads' to 'C:\Users\ghash\AppData\Local\Temp\77092b5f-676f-4ca8
-9e66-6f0e119dd954\IntuneWinPackage\Contents\IntunePackage.intunewin'
INFO    Calculated size for folder 'C:\Users\ghash\Downloads' is 9187530680 within 57 milliseconds




[======                                        ]    12%
```

| 📄 1mb.intunewin | 24-05-2025 11:04 | INTUNEWIN File | 43,21,792 ... |

Step 3: -Upload the .intunewin to Intune

Once the package is created, you can upload it to the Intune admin center to add it as a new app.

Step 4: - Configure app details

Provide information like the app's name, description, privacy policy, and the commands to install and uninstall the app.

Step 5: -Assign the app to users or groups

Finally, we will assign the app to the appropriate groups within your organization to ensure it gets deployed to the intended devices.