**Step-by-Step: XAMPP Deployment via Intune**

**Step 1: Prepare Folder Structure for Packaging**

Create a working directory (e.g.XAMPP) and structure it like this

XAMPP\_Installation\

Place your MSI (AcroPro.msi) and **PSADT toolkit** files correctly under the Files\ folder and root.

**Step 2: Package the App Using IntuneWinAppUtil**

Run this tool to create the. intunewin package:

IntuneWinAppUtil.exe -c "C:\Path\To\ XAMPP\_Installation -s Deploy-Application.exe -o "C:\OutputFolder"

* -c: source folder
* -s: executable to run (entry point)
* -o: output path for .intunewin package

**Step 3: Upload to Intune Portal**

* Go to **Microsoft Intune Admin Center** → **Apps** → **Windows** → **+ Add**
* Select **App type**: *Windows app (Win32)*
* Upload the generated. intunewin file

**Step 4: Configure Program Details**

**Install Command**: **Deploy-Application.exe -DeploymentType Install -DeployMode Silent**

**Uninstall Command**: **Deploy-Application.exe -DeploymentType Uninstall -DeployMode Silent**

**Step 5: Detection Rules (Multiple Options)**

Use any one or a combination of the following methods:

File-Based Detection (Optional)

* Path: C:\xampp
* File: Uninstall.exe
* Method: File or folder exists
* 32-bit app on 64-bit clients: Yes

**PSADT Script Functionality – XAMPP Deployment Summary**

**Deploy-Application.ps1 Script Includes**

Pre-Install Phase

* Displays Installation Progress using Show-Installation Progress.
* Validates Installer Path:
  + Confirms existence of xampp-windows-x64-8.2.4-0-VS16-installer.exe.
* Handles Missing Installer:
  + Logs error and exits gracefully if installer is not found.

**Install Phase**

* Silent Installation:
  + Executes:

Execute-Process -Path $xamppInstaller -Parameters "--mode unattended" -WindowStyle Hidden

* Success Logging:
  + Captures and logs installation success/failure.
* Progress UI:
  + Displays and closes progress window during operation.

**Uninstall Phase**

Triggered when $DeploymentType -ieq 'Uninstall'.

Step 1: Kill Running XAMPP Processes

* Terminates common XAMPP-related processes:
  + httpd, mysqld, xampp-control, filezilla, mercury, tomcat, Apache.

Step 2: Disable XAMPP-Related Services

* Stops and disables services:
  + Apache2.4, mysql, filezilla, mercury, tomcat7.

Step 3: Handle Locked Files (handle.exe)

* Uses Sysinternals handle.exe to detect and kill locked file handles on C:\xampp.

Step 4: Remove Start Menu/Desktop Shortcuts

* Deletes shortcuts from:
  + Start Menu, AppData, Public Desktop.

Step 5: Remove Uninstall Registry Keys

* Searches and removes any uninstall registry entries with DisplayName like \*XAMPP\*.

Step 6: Delete Install Directory

* Deletes the full C:\xampp directory recursively and forcefully.

**Return Code Handling**

* Success: Exit-Script -ExitCode 0
* Failure: Exit-Script -ExitCode 1
* Detailed Logging is used throughout to aid in troubleshooting.

**Step 6: Assign the App in Intune**

* Assign to Users or Devices:
  + Use Required (for auto-install) or Available (for user-initiated).
* Restart Behavior:
  + Generally, set to *No specific action* unless required by dependent services.