BATCH INFORMATION:

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ASSIGNMENT

From this Document you will be able to know about Application Packaging in ease.

1. **What is Application Packaging & What's its role?**

   ANS: Application Packaging means preparing a software in a ready-to-use format so that it can be easily installed on many computers without doing it manually.

   For example: Imagine you are making a gift box:

   You collect the items , arrange them nicely , pack them in a box , and send it to many friends , Now everyone opens the same box and gets the same things in the same way.

   In the same way , Application packaging:

   Collects all the parts of the software , sets it up with settings and instruction , and then sends it to many computers where it installs automatically and works the same.

2. **Why is it useful?**
   i. **Saves time:** No need to install Software one-by-one.
   ii. **Same set-up:** All users get the same version & Settings.
   iii. **Easy update:** You can update or remove the software Easily.
   iv. **Works silently:** It can install without clicking " next-next-Finish".

3. **What is the main role of Application Packaging?**
   i. Standardization: It ensures the application behaves consistently across different system .

ii. Simplified deployment: Allows IT Teams to automate installation using tools like Microsoft SCCM, Intune or PDF Deploy.
iii. Error reduction: Reduce manual installation errors & help in silent installation.
iv. Easy Maintenance
v. Better Security

4. END-TO-END APPLICATION PACKAGING PROCESS:

i. Identify & collect: Research to get the application details & requirement
ii. Review & Assess: Analyze all the information gathered & determine the suitable packaging approach.
iii. Package: Package application in line with business requirements & import into deployment tool.
iv. Test: Test package application User acceptance testing(UAT) & pilot.
v. Deploy: Rollout the packaged application to production.

5. Application Packaging industry trend- What skills are companies looking for?

A Company expect from that person alone to take care of the entire application packaging process. They have this expectation from both permanent employees and contract-based packagers.
There are two main reasons why companies take this approach:

i. To cut down costs
ii. To improve app packaging process efficiency by speeding up the process and expected less people involved in this task because more people are involved in the process the slower the process is.

There are many companies that expect to resolve all their application related issues, including compatibility issues, just by packaging each and every one of them . But this is not possible for majority of them. So, for solving application compatibility issues in packaging containerized packaging solutions are used which include APP-V , MSIX Packaging format,

COMPARISON OF BENEFITS BETWEEN WINDOWS 10 & WINDOWS 11:

Aspect	Windows 10 Benefit	Windows 11 Benefit
Compatibility	Runs on old hardware	Needs modern hardware
User Interface	Familiar and classic	Modern and sleek
Customization	More control over taskbar/start menu	Limited customization
Multitasking	Basic window snapping	Snap layouts and better multitasking

Gaming	Good performance	Enhanced features for gaming
App Support	Supports all traditional Windows apps	Also supports Android apps
Security	Standard protection	Advanced hardware-based security
Touchscreen Support	Basic support	Highly optimized for tablets

Difference between User, Admin, and System Context in MSI:

User Context :

- **Definition:** Runs under the currently logged-in user's credentials and within their user profile.
- **Access:** Can access files and settings specific to the user's profile but generally does not have full system-wide access.
- **Best for:** User-specific applications and tasks that do not require system-wide changes.

System Context :

- **Definition**: Runs with elevated privileges, often as the System user, and has full system-wide access.
- **Access:** Can access all files and system resources, including those outside the user's profile.
- **Best for:** System-wide installations, critical system policies, and scenarios requiring full control.

Admin Context :

- **Definition:** Not a distinct context like User or System, but many MSI installations that require system-wide changes need Admin privileges to run.
- **Access:** Requires the user to have Admin privileges to perform necessary system changes.
- **Best for:** Installations that modify system files, services, or other resources that require elevated permissions.

HOW TO ASSIGN A LOGON SCRIPT TO A LOCAL USER PROFILE:

1. Open Computer Management by clicking Start , pointing to Administrative Tools , and selecting Computer Management .

2. In the console tree, expand Local Users and Groups and then click Users .

3. Right-click the desired user account in the right pane and select Properties .

4. Click the Profile tab.

5. In the Logon script box, type the file name of the logon script. If the script is in a subfolder of the default logon script path, you should include the relative path.

6. **Click Apply** , and then **click OK** .