Application Packaging:

Application packaging is all about the updates, packages and versions of the software.

In order to understand the application packaging, we need to to know about end-to-end packaging.

End-to-end packaging:

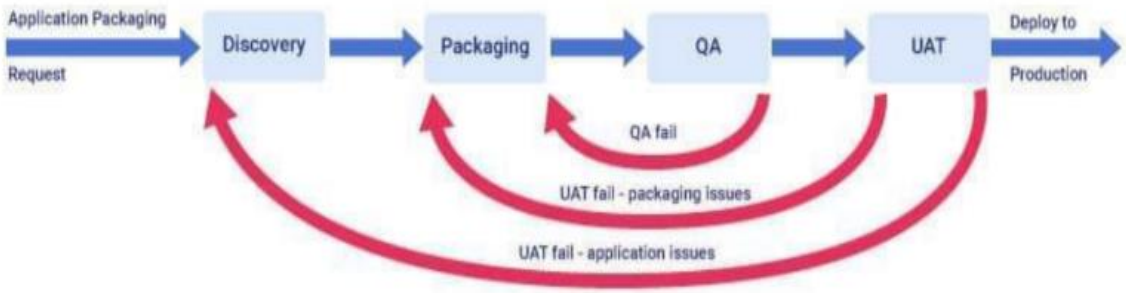
It consists of 3 stages-

1.Application Discovery

2.Application Packaging

3.UAT (User Acceptance Testing)

Here is the process of application packaging from the stage of discovery to deployment:



Now we go to the first stage of the End-to-end application packaging:

1)Application Discovery:

>It is all about the validation of the application source file.

>Ensuring that it is fully functional and working as we expected.

We have 2 types of packaging - Like Windows & Mac

Some note points:

- The most actual important thing is App-v which is meant to virtualize the streamlined user end applications.
- MSIX is modern windows app packaging format that gives efficient way to package and deploy windows applications.
- It is the updated format of MSI.
- Along with MSIX, Microsoft revealed MSIX modification package which is meant to store the customizations of the application.

Applications have some prerequisites like:

1. Can create separate package through it.
2. Can be reuseable in case other applications need the same properties.
3. New version should be release to work.
4. Keep the device up-to-date & handle any vulnerabilities in case a new patch is released.
5. App-v is preferrable packaging delivery format.

(Sometimes it can be more challenging to keep the packages as separate instead of sequencing the whole suit so that App-v can run on its own container).

Again, **End-to-end Application packaging process-**

i)Identify and collect

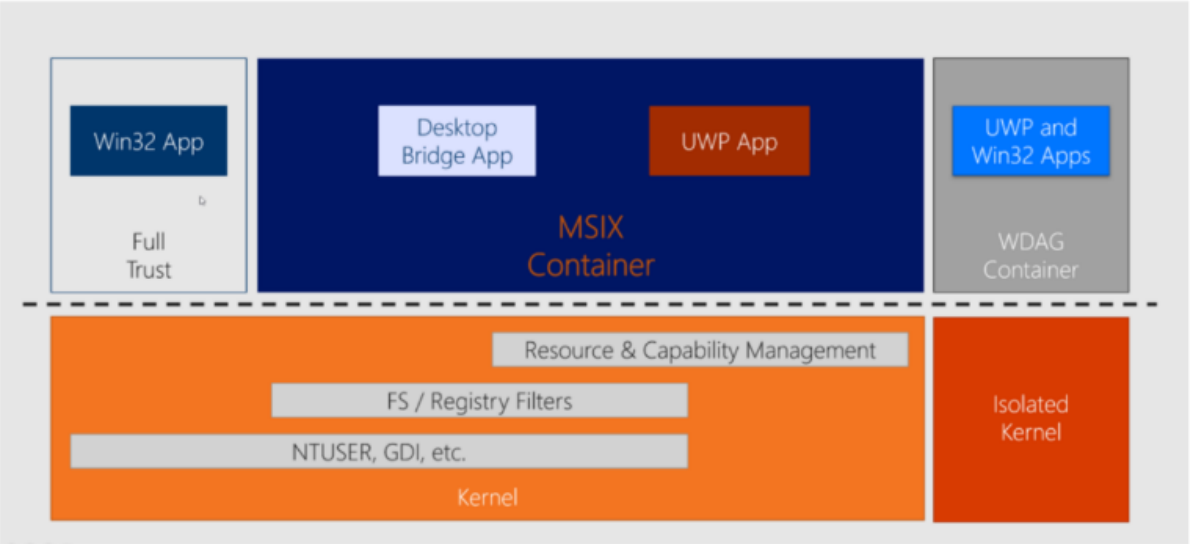
ii)Revies & Assess

iii)Package

iv)Test (UAT & Pilot)

v)Deploy

New MSIX Packaging format:



The new MSIX packaging format is based on the same concept of containerization as App-v.