# APP ATTACH EXTENSION USER GUIDE

# Contents

## Introduction

This document is the wiki document for the use and functionality of App Attach Extension designed and developed by Microsoft.
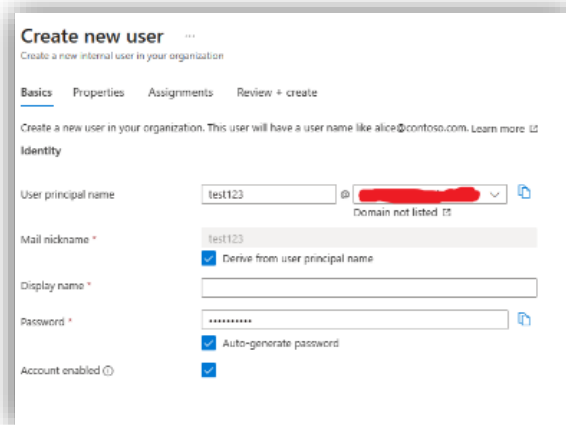
## About

The App Attach extension is a visual studio IDE extension which enables users to generate/Publish App Attach ready packages from Windows Desktop Applications.

## Key Considerations

1. This extension will work on Visual Studio 2022 – All Editions (Community, Professional, Enterprise).
2. This extension is compatible with WinUI 3 C# Single Packaging projects.
3. If the user is not logged in to Azure, the extension will create the VHDx.
4. Logged-in users into Visual Studio should have a valid role and RBAC should be enabled, if the account does not have RBAC enabled user, user can be created by following steps.
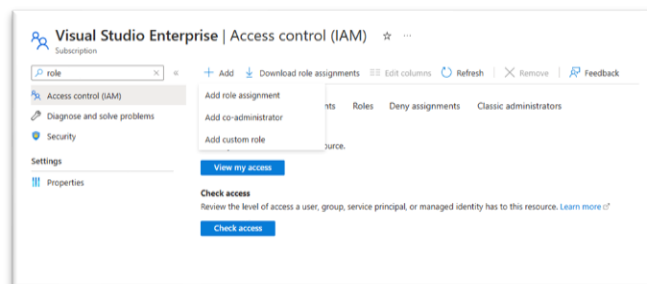
    a. Create a user in the subscription:



    b. Assigning the user role:

5. Only one account should be logged into Visual studio.
6. AVD (Azure Virtual Desktop) should be setup, for more information follow this [Tutorial for Azure Virtual Desktop](#)
7. If the user does not have the infra to publish the application, "Create App Attach Packages..." flow will stop at VHDx creation.

## Procedural Walkthrough

Below are the prerequisites and conditions necessary for the extension to work.
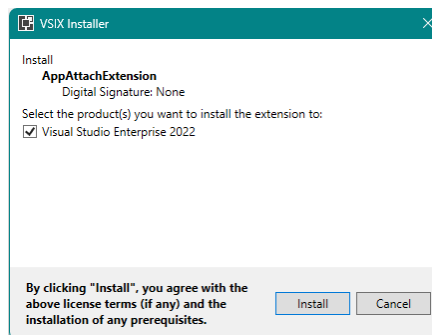
1. The visual studio should have Azure workload installed in addition to workloads required for App development.
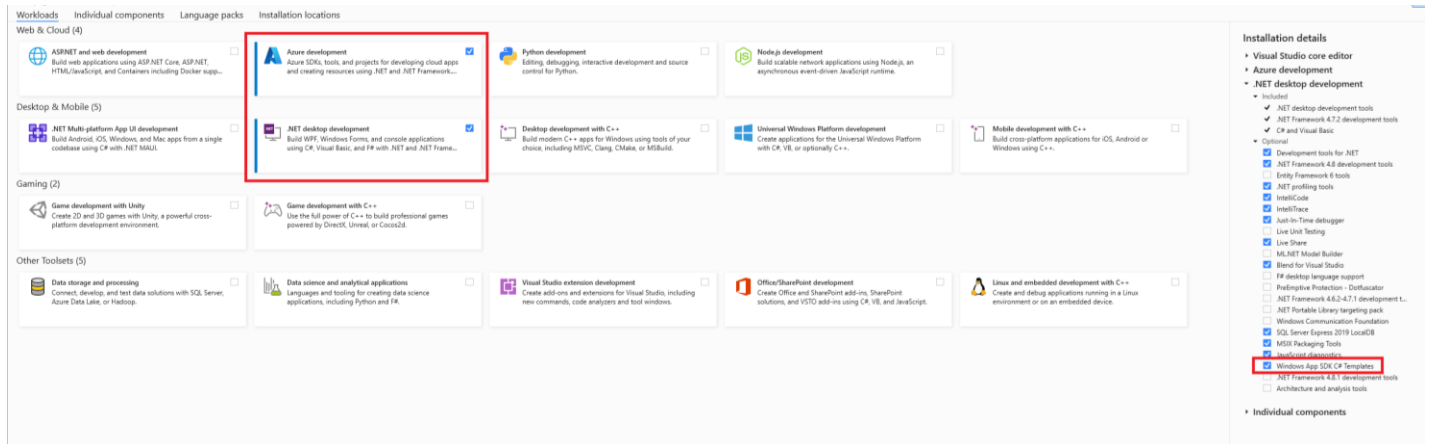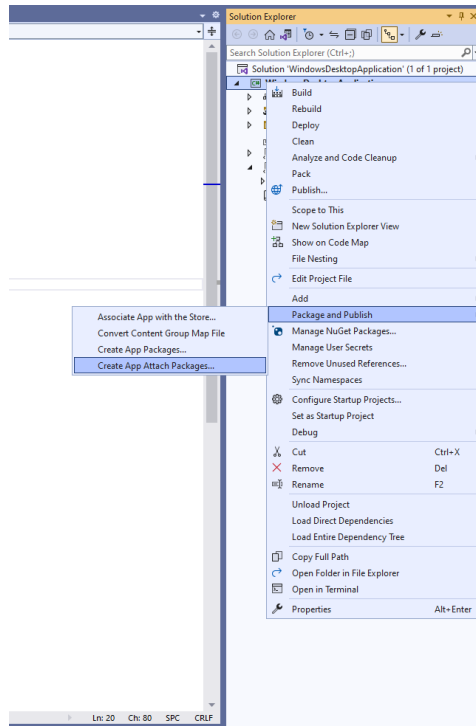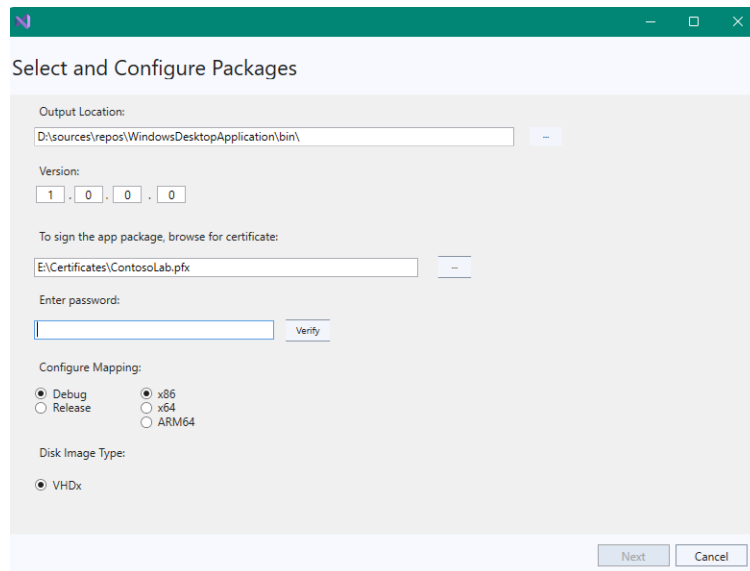


2. Install the App Attach Extension.



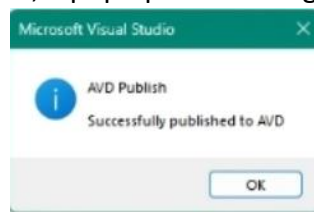3. The user should be using Visual studio in admin mode.



4. Right click on your WinUI 3 C# project and click on "Package and publish" >> "Create App Attach Packages".

5. Populate the fields on the on-screen wizard and follow on.



6. Post successful publishing the artifact, a pop up mentioning the same will be shown.
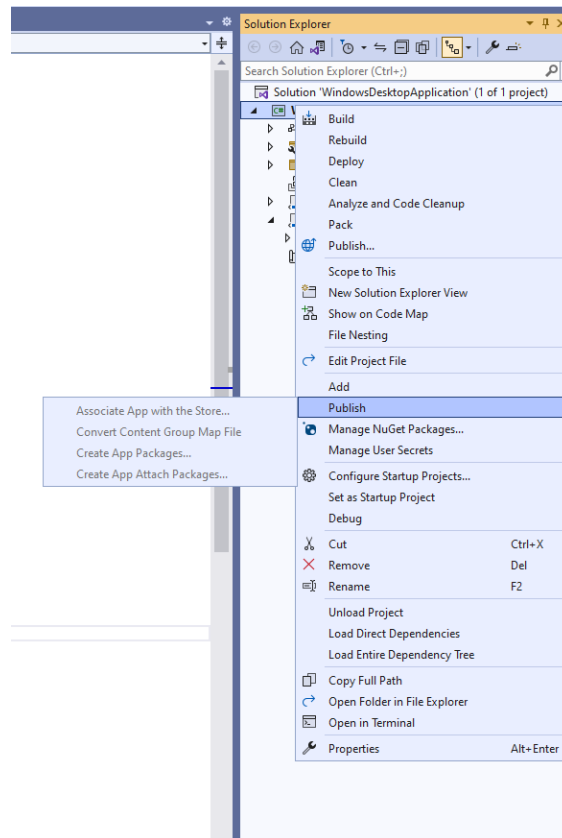
## FAQs.

1. I cannot see the "Package and publish" >> "Create App Attach Packages" option.

   >> Ensure that you are working with Win UI 3 C# Single packaging project, as the option will only be visible if the project is compatible.

   >> Ensure your solution is ready to build before you initiate the Extension; else you might see something like this:



2. I am getting AVD related errors while publishing my application.

   >> Any errors pertaining to AVD please ensure that the Network drive is properly attached inside your VM and that the signing certificate is installed/trusted inside your VMs.