Install Multiple Sitecore Commerce instance on developer machine

From last couple of weeks me and my team are working on few Sitecore Commerce. These projects are related to different versions of Sitecore Commerce 9 and we have Azure VMs and Oracle Virtual box to work on those separately. Many times, our team faced speed and connectivity issues with them, and that inspired me to check if it is possible to install multiple instances of Sitecore Commerce Implementations on a single machine.

I started reviewing the installation scripts and found following challenges:

* Sitecore Business Tools uses a fix port 4200
* Sitecore Identity Service uses a fix port 5050
* Sitecore identity service uses a fix certificate name as “Identity.Server”.
* For Commerce engine service a suffix can be added in name but a prefix is not supported.
* In Sitecore, Default Storefront Site host name does not get updated based on the SiteHeaderName parameter in script.
* In Sitecore, Business Tools button on launch pad screen has a fix Url to always open Business Tools application on port 4200
* Json files in Commerce Engine, BizFx and Identity Service has Urls for each other with fix port.

I have updated scripts to overcome these all challenges and you can perform following steps to try it on your machine:

1. Get the installation guide for your respective Sitecore Commerce Engine.
2. Complete all the steps till section 3.1 “Customize the deployment script”.
3. Download the updated scripts files from below location:
   1. Version 9.0.1

<https://github.com/vipin-banka/Sitecore-Installation-Scripts/tree/master/Sitecore-Commerce/9.0.1/SIF>

* 1. Version 9.0.2

<https://github.com/vipin-banka/Sitecore-Installation-Scripts/tree/master/Sitecore-Commerce/9.0.2/SIF>

* 1. Version 9.0.3

<https://github.com/vipin-banka/Sitecore-Installation-Scripts/tree/master/Sitecore-Commerce/9.0.3/SIF>

1. Paste all files in your respective folder named “”
2. Now follow the Installation guide again to set the parameter values.
3. Continue with section 3.2 “Run the deployment script”