**Documentation**

**Instructions for the reviewer which explain how your code should be executed**

* I have zipped up the code with a zip archive file (refer to attached email)

**Requirements for running**

* Azure environment and cmdlets

**Explanation of assumptions and design choices.**

* Azure App Service from a Git repository with a Azure environments using the cmdlets

**Known shortcomings**

When I executed the below command

“***git clone git@github.com:rea-cruitment/simple-sinatra-app.git”***

via Git Bash I received the following error:

***Cloning into 'simple-sinatra-app'...***

***git@github.com: Permission denied (publickey).***

***fatal: Could not read from remote repository.***

***Please make sure you have the correct access rights***

***and the repository exists.***

* My code uses the Azure app cmdlets
* As I try to use the Cloud Shell environment
* I had issues with my deployment method, as my Azure account causing errors.

**Workarounds**

* I used the simple example of Hello World GIT
* I installed Git Bash terminal and used that on my local machine
* Created a free Azure account to use the “Cloud Shell”
* With my recent completion of my MCSA, I used Azure quiet a lot and these commands were more familiar to me.

**Logically/Systematic thinking for the exercise**

Step1: Initial setup a Git Hub account and entered all the required details

Step 2: Create a GitHub Repository <<***AndrewP\_REASinatraExercise***>>

Step 3: Upload a Hello World to Your GitHub Repository with a “***README.md***” file

Step 4: Provision an Instance

Step 5: Create an Application and Deployment Group

Step 6: Deploy the Application to the Instance

Step 7: Monitor and Verify the Deployment

**Submission – Link**

<https://github.com/apaton84/AndrewP_REASinatraExercise.git>