# Ready Workshop

## Prerequisites

### Task 1 - Need to create a VM with the dev environment

1. Created RG ReadyWorkshop
2. Created a Ubuntu 18.04 LTS server

Task 2 – Check with Ready track owner around location to upload the VM image / details to. Worst case scenario : we create the VM in the workshop too. Doable, but perhaps a waste of time

## Migration of Petstore sample

### Commands

1. mkdir readyworkshop
2. cd readyworkshop
3. Git clone <https://github.com/agoncal/agoncal-application-petstore-ee>
4. Cd migrate-Java-EE-app-to-azure
5. Yes | cp -rf .prep/\* .
6. Cd initial-h2/agoncal-application-petstore-ee7
7. mvn package -Dmaven.test.skip=true
8. mkdir .scripts
9. cp set-env-variables-template.sh .scripts/set-env-variables.sh
10. vi .scripts/set-env-variables.sh
11. source .scripts/set-env-variables.sh
12. mvn azure-webapp:deploy

SUCCESS !!

### README contents – feedback

#### H2

1. Pre-requisites - Why is there a need for Wildfly download ?
2. Pre-requisites – for the purpose of workshop where an Azure-based VM is being created with Ubuntu 18.04 LTS, do we need to download Java 8 from zulu ? we can go with the openjdk available OOB in the server
3. Commands for cloning repository : what is with the ‘yes’ ? Also, the copy command is throwing ‘file/directory not existing’ error. Remove it and include it as part of the individual deploy steps

```bash

git clone --recurse-submodules https://github.com/Azure-Samples/migrate-Java-EE-app-to-azure.git

yes | cp -rf .prep/\* .

```

1. Disconnect between the .sh script from the .prep folder to the .scripts folder mentioned in instructions. The folder structure is too deep. Let us keep one single .sh script with relevant sections for Postgres and mysql commented out initially. As we progress through the different steps we can simply comment & uncomment related sections
   1. The ‘source’ command has different name for the .sh file
2. Updating the POM.xml seems to be AFTER packaging the .war file. Should we move it prior ?
3. Where are we setting the subscription detail here ? That step seems to have been missed out

#### Postgres

1. The command ‘cp set-env-variables-template.sh .scripts/set-env-variables.sh’ doesn’t work due to the prior ‘cd ../../initial-postgresql/agon\*’. The template file doesn’t sit under this folder though. It is in the parent. Looks like an issue with the structure of folders in github itself
2. Need to get the publish profile values prior to attempting to change the env-variables script. Make it an explicit statement
3. Mismatched env variable for admin password
4. Error when creating the server

demouser@devVM:~/readyworkshop/migrate-Java-EE-app-to-azure/initial-postgresql/agoncal-application-petstore-ee7$ az postgres server create --resource-group ${RESOURCEGROUP\_NAME} --name ${POSTGRES\_SERVER\_NAME} --location ${REGION} --admin-user ${POSTGRES\_SERVER\_ADMIN\_LOGIN\_NAME} --admin-password ${POSTGRES\_SERVER\_ADMIN\_PASSWORD} --sku-name GP\_Gen4\_2 --version 9.6

Deployment failed. Correlation ID: 197d41ce-7afb-411e-afbc-690a08e3ba8d. Gen4 hardware is not supported for this region.

1. FTP from commandline has a problem in that the username from the profile has an extra ‘\’ like so : readypetstore\\$readypetstore. Due to this, the ftp connection was failing.

Should instead use it as **readypetstore\$readypetstore**

1. FTP from commandline is giving : ‘501 server cannot accept argument’ error for all put commands
2. Why is this step in there ? Are we asking participants to run the commands ? We shouldn’t

**##### Step 4: Test the JBoss/WildFly CLI commands to configure data source**

1. There is no file with name postgresql-persistence.xml under the folder resources/METAINF
2. After adding file and deploying, the following error is seen – on Azure portal it was seen that the webapp was stopped

demouser@devVM:~/readyworkshop/migrate-Java-EE-app-to-azure/initial-postgresql/agoncal-application-petstore-ee7$ mvn azure-webapp:deploy

[INFO] Scanning for projects...

[INFO]

[INFO] ------------------------------------------------------------------------

[INFO] Building Petstore application using Java EE 7 7.0

[INFO] ------------------------------------------------------------------------

[INFO]

[INFO] --- azure-webapp-maven-plugin:1.5.1:deploy (default-cli) @ petstoreee7 ---

AI: INFO 13-01-2019 06:44, 1: Configuration file has been successfully found as resource

AI: INFO 13-01-2019 06:44, 1: Configuration file has been successfully found as resource

[INFO] Authenticate with Azure CLI 2.0

[INFO] Updating target Web App...

[INFO] Successfully updated Web App.

[INFO] Trying to deploy artifact to readypetstore...

[INFO] Deploying the war file...

[INFO] Successfully deployed the artifact to https://readypetstore.azurewebsites.net

[INFO] ------------------------------------------------------------------------

[INFO] BUILD SUCCESS

[INFO] ------------------------------------------------------------------------

[INFO] Total time: 26.267 s

[INFO] Finished at: 2019-01-13T06:44:27+00:00

[INFO] Final Memory: 45M/427M

[INFO] ------------------------------------------------------------------------

demouser@devVM:~/readyworkshop/migrate-Java-EE-app-to-azure/initial-postgresql/agoncal-application-petstore-ee7$ open https://readypetstore.azurewebsites.net

Couldn't get a file descriptor referring to the console