***How to configure your shell to use Docker:***

**Windows 7/10 X86\_64**

**Docker ToolBox using Oracle VirtualBox**

***Configuring Docker cli Tools:***

Download and install Docker Toolbox or Docker for Windows

Open your favorite shell and test the keywords [docker, docker-compose, docker-machine]

If they don’t work, go to the installed folder and try running the commands from there

If it fails, reinstall and test again

If it passes, copy the docker cli components to the C:\Windows\Sustem32 directory

***Configuring the docker cli to communicate to the Daemon:***

**PowerShell:**

PS E:\TEJA NOTES> ***docker-machine env***

$Env:DOCKER\_TLS\_VERIFY = "1"

$Env:DOCKER\_HOST = "tcp://192.168.99.100:2376"

$Env:DOCKER\_CERT\_PATH = "C:\Users\prem\.docker\machine\machines\default"

$Env:DOCKER\_MACHINE\_NAME = "default"

$Env:COMPOSE\_CONVERT\_WINDOWS\_PATHS = "true"

# Run this command to configure your shell:

**# & "C:\Windows\system32\docker-machine.exe" env | Invoke-Expression**

PS E:\TEJA NOTES> ***& "C:\Windows\system32\docker-machine.exe" env | Invoke-Expression***

PS E:\TEJA NOTES> docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS

**CMD:**

C:\Users\prem\Desktop\Cloud-POC\Cloud POC>**docker-machine env**

SET DOCKER\_TLS\_VERIFY=1

SET DOCKER\_HOST=tcp://192.168.99.100:2376

SET DOCKER\_CERT\_PATH=C:\Users\prem\.docker\machine\machines\default

SET DOCKER\_MACHINE\_NAME=default

SET COMPOSE\_CONVERT\_WINDOWS\_PATHS=true

REM Run this command to configure your shell:

**REM @FOR /f "tokens=\*" %i IN ('docker-machine env') DO @%i**

C:\Users\prem\Desktop\Cloud-POC\Cloud POC**>@FOR /f "tokens=\*" %i IN ('docker-machine env') DO @%i**

C:\Users\prem\Desktop\Cloud-POC\Cloud POC>docker ps

CONTAINER ID IMAGE COMMAND CREATED

STATUS PORTS NAMES

**CYGWIN:**

prem@prem-PC ~

$ **docker-machine env**

export DOCKER\_TLS\_VERIFY="1"

export DOCKER\_HOST="tcp://192.168.99.100:2376"

export DOCKER\_CERT\_PATH="C:\Users\prem\.docker\machine\machines\default"

export DOCKER\_MACHINE\_NAME="default"

export COMPOSE\_CONVERT\_WINDOWS\_PATHS="true"

# Run this command to configure your shell:

**# eval $("C:\Windows\system32\docker-machine.exe" env)**

prem@prem-PC ~

**$ eval $("C:\Windows\system32\docker-machine.exe" env)**

-bash: C:\Windows\system32\docker-machine.exe: command not found

prem@prem-PC ~

**$ eval $("/cygdrive/c/Windows/system32/docker-machine.exe" env**)

prem@prem-PC ~

$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

***Note:*** *in Cygwin you might have to change the path format from* ***C:\Windows\system32\docker-machine.exe 🡺 /cygdrive/c/Windows/system32/docker-machine.exe***