Exercise 2 – Getting Acquainted with Docker

# Overview

The purpose of this exercise is to get you adjusted to working with Docker with Windows Server Containers and with Linux Containers

# Enable Docker with Linux Containers

Right click on the Docker icon in the tool and if required select “Switch to Linux Containers”

# Get Container Images

## hello-word

docker pull hello-word

## nginx

A high performance web server

docker pull nginx

# Listing Docker Images

docker images

# Run Docker Containers

docker run hello-world

# Enter a Running Container

docker run -it ubuntu bash

# Stop a Running Container

docker kill

# Let’s talk ports

docker run -d -p 8086:80 nginx

docker run -d -P --name web-server nginx

# Enable Docker with Windows Server Containers

Right click on the Docker icon in the tool and if required select “Switch to Windows Containers”

# Let’s Get some Windows Server Containers

docker pull microsoft/iis

docker pull microsoft/nanoserver

docker pull microsoft/windowservercore

docker pull microsoft/dotnet