Lab 6.5: Docker Compose with Centos

This section will show you how to use Docker Compose to manage a container.

This lab has 2 sub-sections:

6.5.1: Set up docker-compose

6.5.2: Create docker-compose file.

**Step 6.5.1:** Set up docker-compose:

Install docker-compose using the command given below:

**sudo su**

**mkdir compose-test**

**cd compose-test**

**sudo apt-get install python-pip**

**sudo pip install docker-compose**

Alternative:

**sudo curl -L https://github.com/docker/compose/releases/download/1.7.1/docker-compose-`uname -s`-`uname -m` &gt; /usr/local/bin/docker-compose**

**sudo chmod +x /usr/local/bin/docker-compose**

**Step 6.5.2:** Create docker-compose file.

Inside **compose-test** folder, create **docker-compose.yml** file and add the following code in it:

**version: '2'**

**services:**

**compose-test:**

**image: centos**

**links:**

**- compose-db**

**command: /usr/bin/curl compose-db:6379**

**compose-db:**

**image: redis**

**expose:**

**- "6379"**

Save the file.

Run the following command to execute the yaml file.

**sudo docker-compose up**