Pseudo Code

Docker service scale to 2 replicas.

New ending while loop:

      Record start time.
      Send request to 10.2.1.38:8000
      Record end time

      Compute time (end time - start time) and store in array

      if(length of array equal or greater than 10):

            Compute the average time over last 10 recorded times.

            if(average time is greater or equal to 5):
                  Docker service increment to +1
            Else if (averate time is lower than 2.5 and replicas greater than 2):
                  Docker service decrement by -1
            Else:
                  Do nothing
      Empty the compute time array

      Wait for 1 second and repeat the while loop.