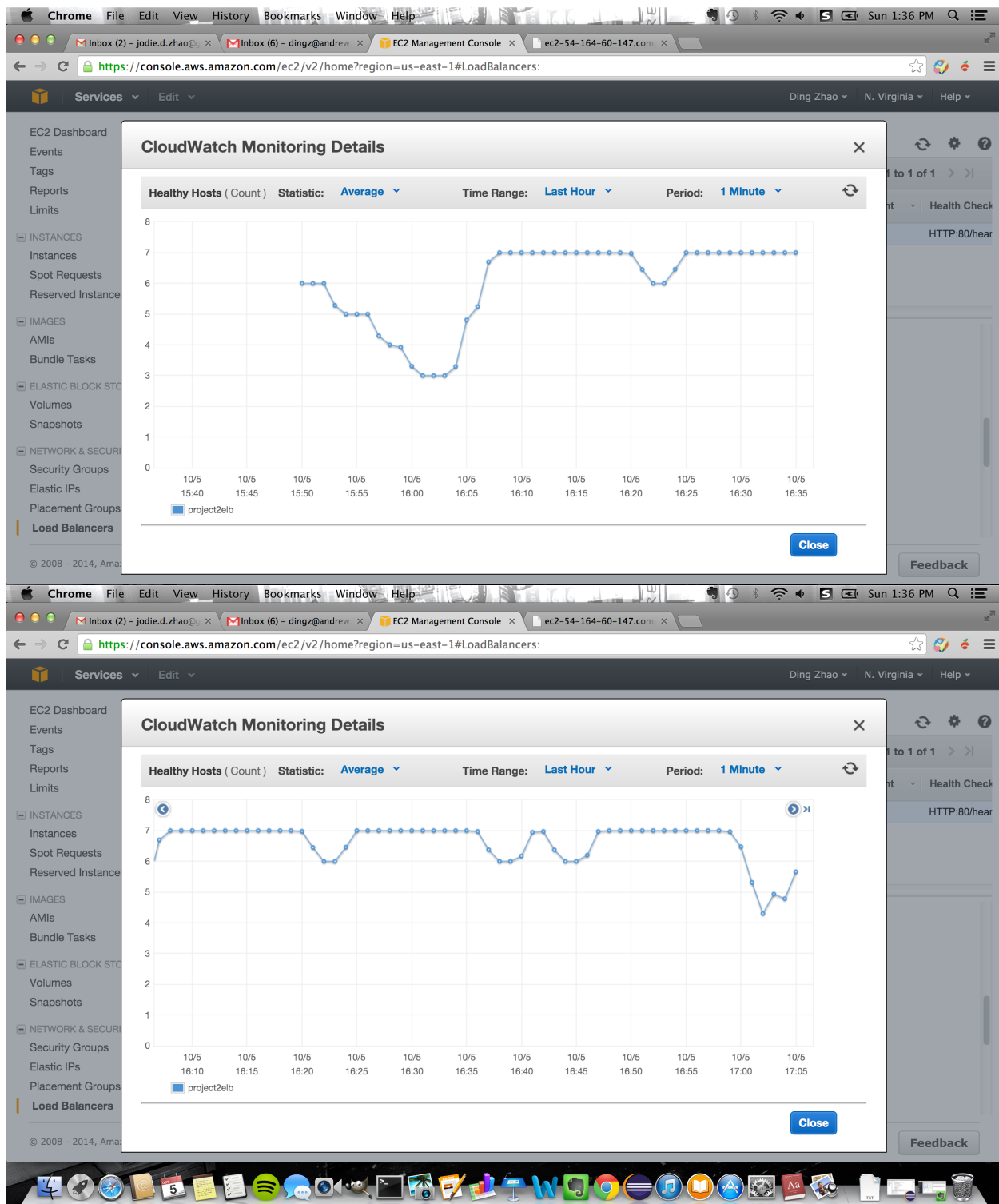PM.java:
java code to automate the MSB Management Test

email.txt:
emails received from SNS during the test

Q4: Number of instance hours is calculated based on the healthy host monitoring graph.

Test starts at 15:58:25 UTC. The instance type used is m1.small

$$(4+6*3+7*16)/(0.07/0.044) = 84$$

Q5: According to the unhealthy monitoring host graph displayed in the ELB section, there was an instance failure at 17:35-36. In total, 1 instance failure occurred.

I minimized the time between instance failure and marking it as unhealthy on the ELB by reducing the interval time between health checks of an individual instance, appropriately setting the timeout value signaling a failed health probe and number of consecutive health probe failures/success required before moving the instance to the unhealthy/healthy state when configuring the ELB.

Q7:
profit = earnings - cost
      = $6.03 - 84*$0.07
      = $0.15