

# Cloud Computing

Fall 2017

## Homework #1

**Question 1 :** Explain the key reasons for the success of cloud computing platform that we are experiencing today. Please justify your answers.

**Question 2 :** Research and provide brief description of:

- a. architecture of hardware assisted virtualization.
- b. What are the benefits of using hardware assisted virtualization?
- c. What commercial products support that functionality?

Please provide references.

**Question 3:** Write a paragraph of comparing:

- Running MySQL on your local machine vs.
- on EC2 instance and
- on RDS.

I am looking for a summary of your understanding. Please clearly states advantages of one over the other.