

Answer all the questions

1. Describe with the help of examples the various service models and deployment models of cloud computing. (Give one real example of each type of service model and one example situation where each type of deployment models could be used.)
(5 Marks)
 2. What is meant by "economies of scale" ? and how it plays an important role in determining whether an organization should move towards a cloud based solution instead of in-house solution. Consider that the peak computing demand for an organization is 120 units. The demand as a function of time can be expressed as $55(1 + e^{-t})$. Baseline (owned) unit cost is 125 and cloud unit cost is 200. In this situation is cloud cheaper than owning for a period of 100 time units? (5 Marks)
 3. What are the different security attacks in each layer in cloud. Discuss any two attacks in each layer and suggest the possible solutions to mitigate it. (5 Marks)
-