

## CPET 590 Cloud Computing Technologies Assignment 4

**Assigned date: 2/18/2017**

**Items Needed:**

- **due 2/22/2017 before 4PM**

**Items Needed: (1) Your Cloud Service Task Force Report # 2 in Microsoft Word file (2) a PPT slide) as email attachments**

1. Group the Lincoln Financial groups IT services into the three categories: Commodity IT, Administrative Support IT, and Mission Critical IT; give their definitions and map to their actual products/services/operations etc.
2. Map these three types of IT services into Cloud Service Models: PaaS, SaaS, and IaaS; and Deployment Models; and four Deployment Models: Private Cloud, Community Cloud, Public Cloud, and Hybrid Cloud; Also give your rationale of why they are in the categories that team would suggest.
3. Update your Lincoln Innovative Cloud Service Task Force Report.

Also making sure that the team should assess the progress of assigned tasks from Hw3 (**completed, more time and research needed, etc. based on the suggested feedback given**):

### **Assignment 3**

**Assigned date: 2/1/2017**

**Due Date: 2/15/2017, before 4:30 PM**

**Items Needed: 1) Task Force Study Report, 2) a PPT slide; as email attachments.**

Assume that you are an IT manager of Lincoln Financial Services and there is a need to consider using on demand services during quarterly report preparation time period. You want to form Innovative Cloud Service Task Force. The missions of this newly formed Task Force are:

1. Identify possible cloud-based IT services that help (a) to increase return on investment, (b) eliminate waste and duplications, (c) improve the effectiveness of IT solutions, and (d) explore other possible business growth and expansion opportunities
2. Conduct research, evaluation, assessment, and make recommendation on cloud services related technology, standards for Lincoln Financial Services
3. Create a Cloud Services implementation strategy
4. Oversee the Lincoln's ProofConceptCloud implementation and Outcome Assessment.

The assignments as listed below were considered by the Task Force

- 1) Identify possible IT services that have a potential to move to the cloud.
- 2) Gather and compile the needed information on:
  - a. Public cloud services and vendors, platforms, service fees, and related key SLA info, etc.
- 3) Gather and compile the needed information on:
  - a. Private cloud vendors, system types and platforms
- 4) Design a set of evaluation metrics for Cloud provider/service selection
- 5) Research on available Services monitoring, tools, and vendors/providers for cloud service performance, availability monitoring
- 6) Identify a list of security rules and regulations and related restrictions and potential impact.

Your team is also asked to prepare a Summary Report (in MS Word, with report title, outlines, Executive Summary, ... and concluded with your team's Recommendation, and a Reference section) for this assignment) and present (PPT file) to the Task Force for review and feedback.