

**CPET 581/499 Cloud Computing: Technologies and Enterprise IT Strategies**  
**Assignment 3**

**Assigned date: 2/5/2015**

**Due Date: 2/19/2015, before 5 PM**

**Items Needed: 1) Study Report, 2) a PPT slide (10 slides maximum, with audio recording) as email attachments.**

**Team Formation for Assignment 3: (two students per team)**

Assume that you are a member of IPFW Innovate Cloud Service Task Force. The missions of this newly formed Task Force are:

1. Identify possible cloud-based IT services that helps (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, ,
3. Create IPFW cloud service implementation strategy
4. Oversee an IPFW ProofConceptCloud implementation and Outcome Assessment.

The assignments as list below was 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 loud service performance, availability monitoring
- 6) Identify a list of security rules and regulations and related restrictions and potential impact.

Your team is also ask 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.