

# Study Guide

This document is meant to guide your studies. While it is not meant to be comprehensive, it is meant to provide you with insight concerning the content, scope, and format of Exam Two (20 March).

## Exam Two will contain questions from:

Cloud+ Certification Study Guide

- Ch5 Virtualization Components
- Ch 6 Virtualization and the Cloud
- Ch 8 Performance Management
- Ch 12 Business Continuity and Disaster Recovery

Rackspace's CloudU online tutorial

- Module 1 Revolution not Evolution
- Module 2 Economics of Cloud Computing
- Module 3 Cloud Computing Stack
- Module 4 Say Goodbye to DIY Data Centers
- Module 5 The Elephant in the room

Possibly a few questions from our assignments which included:

- Professor Messer Virtual Machines
- Eli's Introduction to Virtualization
- NIST Guide to Virtualization
- NIST SP800-34 Contingency Planning Guide (*Chapter 2 Background*)

## Sample Questions

1. Which of the following hypervisors runs on bare metal?
  - a. Open source
  - b. Proprietary
  - c. \*Type 1
  - d. Type 2
  
2. You need to create an exact copy of a virtual machine to deploy in a development environment. Which of the following processes is the best option?
  - a. Storage migration
  - b. Virtual machine templates
  - c. \*Virtual machine cloning
  - d. P2V

3. Which term is used to describe the maximum amount of time that a system can be down after a failure or a disaster occurs?
  - a. RPO
  - b. \*RTO
  - c. BCP
  - d. MTBF
  
4. Cloud Computing provides significant economic benefits which accrue to a business in two distinct ways – directly through reduced costs and what else?
  - a. Directly by allowing for decreased focus on core business function
  - b. Indirectly by allowing for decreased focus on core business function
  - c. Directly by allowing for increased focus on core business function
  - d. \*Indirectly by allowing for increased focus on core business function.
  
5. Some defining characteristics of SaaS include:
  - a. Web access to commercial software
  - b. Software is managed from a central location
  - c. Users not required to handle software upgrades and patches
  - d. \*All of the above

In terms of content and format, expect Exam Two to resemble the previous exam.

Best of luck!