CS 4750/5750	Cloud Computing	Test 2
Name:	Fall 2015	Max Pts: 42

Important: This is an open book test. You can use any books, notes, or paper but no electronic device. Do not log into the computer during the test, or use any electronic or communications device. Change your cell phones to silent mode. Any calculations and rough work can be done on the back side of the test pages. If there is a syntax error in any program segment, just write it down and you will get full credit for the problem. Please write legibly; if I cannot read what you wrote, I'll give you a zero. You will lose five points for not writing your name.

1. [6 pt] For an SaaS application, who will be responsible to provide security for the infrastructure? Will it be cloud service provider or the cloud service consumer? Who will be responsible to ensure compilance with a privacy standard such as HIPAA?

2. [6 pt] What are transaction boundaries? Does the architect need to be concerned about transaction boundaries when designing an application for use by a hospital? Provide brief explanation.

3.	[6 pt] What strategies will you use to provide security for a cloud-based application?
4.	[6 pt] Why should we block developer access to production systems? How can they debug the system if we do so?

5.	[6 pt]	What i	s a	metric-based	service	level	agreement?	What typ	oe o	f measurements	can	it
	use?											

6. [6 pt] What is proactive monitoring? Give an example of how it can help improve the performance of a cloud-based application?

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7. [6 pt] What is the difference between recovery time objective and recovery point objective?