

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 compliance 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 is a metric-based service level agreement? What type of 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?

7. [6 pt] What is the difference between recovery time objective and recovery point objective?  
How do they depend on each other?