**Notes/Questions**

*Differentiate between overhead and capital costs*

Overhead costs are the operating costs of a business. They are an expense that is constant throughout the life of the business and are required to maintain the basic operations. Capital costs are the costs of the initial equipment that is required to start a business as well as any additional equipment that is used to expand the capabilities of the business. These are one-time costs.

*What are some means of securing the cloud?*

Security is a key concern for adopters of cloud technologies, especially since they do not physically control access to their data. It is a developing side of the cloud, however encryption is an essential component of security of the cloud. Of particular interest is the concept of homomorphic encryption which is based on the idea that users would send their encrypted data to the cloud, where it would then be processed without being decrypted before being sent back to the user.

*What is middleware?*

Middleware is, as the word would indicate, is the software that lies in the middle of an operating system and an application on a distributed system. One common example is software that links a Web server to a database. It is often described as the ‘glue’ that connects two applications.

*Explain arbitrary workload?*

Workload, being the amount of work performed in a given period of time, which has been partitioned into segments of an arbitrary size, meaning a random or unspecified value, and can be processed in parallel by the servers available in the cloud.

**Works Cited**

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