

## Design Patterns

### Software Engineering: Exercise Four

#### **Group Members;**

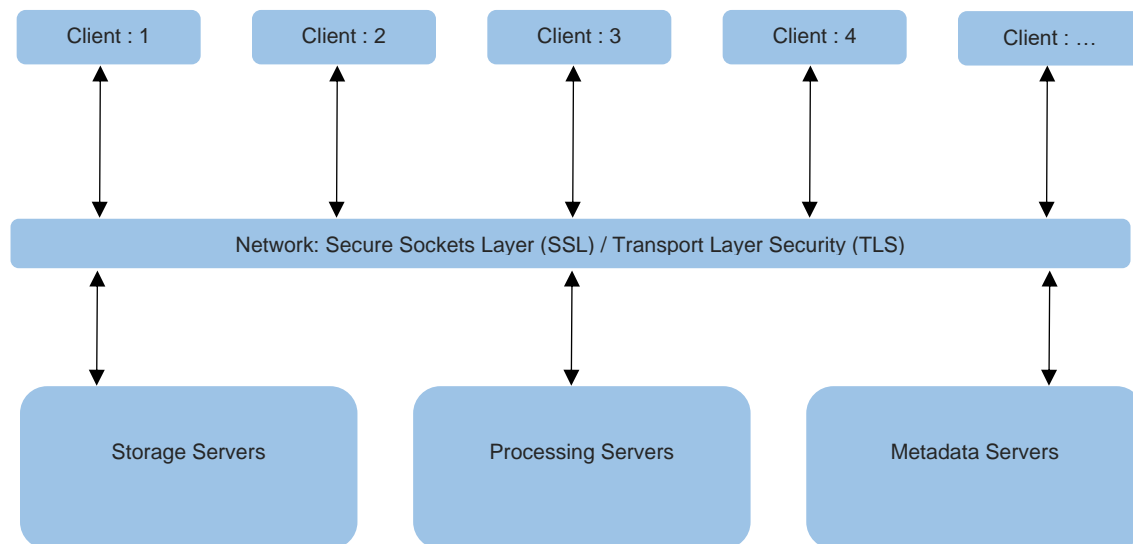
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# Software Engineering: Assignment Four

## Part 1 – Software Architectures:

Figure 1 illustrates a client server box-and-line diagram outlining the basic software architecture for our conceptual application which was based of drobox.



Concise description of the individual components within the software architecture for the application based of the drobox application is provided here:

### Client:

Client refers to the end users which would upload and retrieve the data from the storage / cloud servers - for remote file management. The client interface would be cross device and multi-platform (i.e. Linux, Windows, Android or OS for both mobile and pc systems).

### Secure Sockets Layer:

The SSL or TLS protocols would be utilized for security of data transmitted between the all servers and web browser.

### Processing Servers:

The processing servers would process encryption and application services.

### Storage servers:

Once processing from the processing server is completed the processed data would be stored for retrieved at a later point

### Metadata servers:

The metadata servers would store main content related to the meta data services.