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### **Cloud Computing**

Cloud computing is the growing demand for using networks or remote servers on the internet to host services that store, manage, and process data. The important part of cloud computing is that you don't need to store important data on a personal computer or a local server, rather the cloud does that for you. Therefore, you can access this information from virtually any device that enables you to connect to these online services. Furthermore, cloud computing is the transportation of three types of online services, Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).

First, Infrastructure as a Service. Infrastructure as a Service, or IaaS, is a cloud computing service where tech companies can rent or lease servers for a certain amount of storage in the cloud. Users are able to run any operating system or application on the rented server without any type of hardship or software issue, thus reducing the cost for those users. The importance of IaaS lies with its cost effective solution for any business that uses it.

Second, Platform as a Service. PaaS is another type of cloud computing model that offers services enabling clients to create, run, and manage applications without building or maintaining the overall infrastructure of the software. Therefore, creating a simpler way to understand and use the software/interface. The reason many businesses use PaaS is because of the spike in

productivity and rapid development for the software. Over time, the software becomes more efficient and the quality of services rise as a result.

Third, Software as a Service. SaaS allows businesses to deliver their applications over the Internet where it is centrally hosted. The idea here is that SaaS offers services to clients over the internet so that business models are able to adapt and change over time. Software as a Service has a lot to offer to businesses. According to Kyle Turco for Technology Advice, It can help businesses “save money, time, and human resources” through getting rid of problems that bug your software, and create incompatibility. It saves dying models and creates room for success and change (Turco 1).

Furthemore, A business that uses cloud computing and its amenities to its advantage is Google Drive. Google Drive is a free cloud based service that allows people to use, store, and manage information and data online from any source in the world. The cloud computing service doesn't require a centralized personal computer at all times for it to be accessed. Eric Griffith for pcmag talks about google drives cloud computing service. He writes, “This is a pure cloud computing service, with all the storage found online so it can work with the cloud productivity apps: Google Docs, Sheets, and Slides.” (Griffith 1). Google Drive offers a number of cloud computing services that include computing and hosting, storage, database, big data and machine learning services. Google Drive is a prime example of Software as a Service (SaaS). Google Drive offers numerous software applications, such as Google Docs, Sheets, Slides, Power Point, and actual storage through the drive, that are accessible to anyone from virtually anywhere. From a security standpoint, Dave Johnson from Business Insider concludes that, “Google Drive is

generally very secure, as Google encrypts your files while they're being transferred and stored."

(Johnson 1). Moreover, it's easy to see how millions of people use Google Drive, given its secure nature and the ability to store important data/files.

### **Works Cited**

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