Analyze the Cloud vs. On Premise Server Prototyping Example in Chapter 1 of the textbook. Select either the Cloud or On-Premise solution that could be used to deploy your company's business applications. Provide a detailed (100 words minimum) rationale for your recommendation and justification for your solution choice.

After reading chapter 1 in our course resources, it would only make sense to choose the Cloud over an On Premise Server. From the reading it stated that a on premise data center could cost one roughly $3-5k per server and would need anywhere from 3 to 5 servers. This alone could cost a company a fortune to start not to mention the upkeep on those machines. Parts will fail and would need a team to constantly monitor them in case of any outage. Not only would using the cloud cost approximately $0.37 an hour, but the savings would come from not having to have a team to troubleshoot hardware issues, software configuration issues, and even outages. With the Cloud, as our company grows it will be as easy as pressing a button to expand our servers to handle the growth, in turn allowing us to focus on things like additions to make our site more interactive or even adding new products to grow the brand. After going over all of these models, it is clear that Cloud based services would be a best case scenario for any business in this technology driven world.

References:

AWS Pricing Calculator. (n.d.). Retrieved March 10, 2023, from https://calculator.aws/#/

Kavis, M. J. (2014). Architecting the Cloud: Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS). John Wiley & Sons.