What is your cloud deployment strategy for your application?

Team 2

Public or Private or Hybrid Cloud and Reasoning for this

Our strategy for cloud deployment for our application is to set up a hybrid cloud system this will be utilizing one public and one private cloud, we have decided to use this format as we will be able to capitilise on the benefits of both public and private cloud while minimizing the costs for example due to one cloud being public it will mean that many of our services and utilities will be hosted internationally allowing for a far greater user base while the for the private server less time and money is used on security as only the most confidential or important details will be saved there, the resources saved could be better spent on the management of the application once it’s on the cloud server, however with this restructuring comes with a large learning period where a lot of research will have to be done to make sure we are prepared.

How will you migrate?

We would be partially migrating our application separating based abound the PaaS(Platform as a Service) model so that our Application and Data will be managed in our own private cloud server with very little changes we will be keeping these in a private cloud to ensure the safety and protection of the application and data as our most sensitive information. Whilst the rest would be on a public cloud server as that information is less sensitive, and the potential harm that would be cost if anything were to happen to it wouldn’t be as extreme. Many possible complications could arise from the migration, so the upmost care needs to be taken during the process so to avoid certain complications. For example, complications with the migration of data as well as issues to do with compatibility between the application and the cloud servers.

How will you overcome learning gaps?

It is our belief that the experience of others who have more experience than us is absolutely essential in this endeavor as most of the work that would be necessary for this task is work that none of us have done, there would be many means of gaining this experience but a good start would just be to search the internet for any form of guides on how to accomplish this and for more specific information contacting people with the knowledge for advice or any tips they may have.