**Project 1 Write-Up**

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|  | **VM** | **App Service** |
| **Costs** | * No hardware purchase necessary * Generally, more expensive | * Based on App Service Plan * Dev/test options are free |
| **Scalability** | High | * **Vertical**: increases or decreases resources available, such as the amount of vCPUs o RAM by changing pricing tier * **Horizontal**: increases or decreases the number of VM instances the app service is running |
| **Availability** | High | * High * Autoscaling |
| **Workflow** | Labor intense | Easier to install and manage through Azure portal or Azure CLI |

**VM vs App Service Comparison**

**My Option for Project 1**

I chose to deploy the app on an app service since the amount of data displayed on the interface wasn’t large enough to require large data storage. App Services also allowed me to create blob storage for to store images submitted by user and easily manage the database. Another key attribute to App Services is the availability of a dev/test free tier.

**App Changes that Would Change my Decision**

I see two scenarios that would require a change in my previous decision: 1. Amount articles created and managed by the application, and 2. An expected large number of users. In the event the application was available and highly used by a large number of users creating and uploading numerous articles I would reconsider the use of a VM.