Module 2: Case Study - 1

Problem Statement:

You work for XYZ global corporation which is a multinational company and has headquarters all around the globe. The data for this company is generated every day and is managed by the technicians. One of the technicians separates this data into two parts – critical data and non-critical data. The critical data is the data on which they are willing to shell money out for but not so much on the non-critical data. Now, the critical data has to reach the clients globally, but the non-critical data is only being used amongst local data centers. They have deployed their web app on the internet that helps them upload the data to their cloud storage. The users are complaining that the website content is not loading fast enough. You realize that this might be because your website faces global traffic while the static assets like images are being served via a single server. Also the employees are complaining that it is difficult for them to access common files and tools as they need to get it from each other.

Tasks To Be Performed:

1. Upload all static content of your website to Azure
2. Create storage accounts for critical and non-critical data – enable global and local replication
3. Use the shared access keys to link the web app with the storage account where the data has to be stored
4. Create a CDN endpoint and configure it to serve the static files you uploaded
5. Create an Azure file share and upload all tools and files for your colleagues to share. Connect a Linux and Windows VM Box to the file share