ARMAGEDDON

Project Dates: Nov 26th - Dec 9th.

Project scenario:

Tokyo Midtown Medical Center wishes to expand its medical care for their customers located in Japan. Their main goal is to create a J-Tele-Doctor for their customers who fear actually going to the hospital with a sickness, i.e. they don’t want to spread their sickness to others and/or are located abroad.

Stage One:

You must have local application hosting for Japanese and foreign customers in the following locations:

A. Tokyo

B. New York

C. London

D. Sao Paulo

E. Australia

F. Hong Kong

G. California

Local requirements: Each area must have the following

A. ASG with min 2 AZs

B. Min 1 EC2 for the current test deployment

C. Deployment to a security zone where syslog data can be transferred. Additionally, must demonstrate technical ability to transfer data to Japan.

D. Limitation to port 80 open to the public.

Limitations:

A. Syslog data must be stored in Japan only. SIEM/Syslog server will be deployed in Stage 2

B. No personal information can be stored abroad and must be limited to Japan’s borders. Additionally, this data can’t be transferred via a VPN.

C. Databases will be deployed in Stage 2

D. AZ containing syslog data must be limited to a private subnet.

Group Tasks:

A. Network Planning Diagram

B. Outline:

Region = Hong Kong

VPC Name = tmmc-hk-vpc

VPC CIDR Range = 10.245.0.0/16

Domain [www.radar-logic.org](http://www.radar-logic.org) and [www.dusty4life.click](http://www.dusty4life.click)

Subnet ranges:

* 10.245.1.0/024 and 10.245.2.0/24 (private)
* 10.245.11.0/24 and 10.245.12.0/24 (public)

Security Groups:

AMI: **ami-06f707739f2271995**

Launch Templates:

Target Groups:

SNS

Load Balancer

WAF

ASG:

Route 53

C. Flowchart done in lucid app

D. Terraform code: pending