Emons, Joep (student)

[Bedrijfsnaam] | [Bedrijfsadres]

MSS week 5

[Ondertitel van document]

# availability

With this assignment you created a website with a database that has 3 ec3 instances running the same website for high availability there is also a load balancer that makes sure no system is overused this way all systems are being used equally the only downside is if one system turned unhealthy the load balancer would still send you to that systems this wasn’t that handy because of that sometimes you would be sent to a website that didn’t work that well. Still, once you terminate the unhealthy EC2 instances, it will create a new healthy one.

# auto-scaling resiliency

This system auto-scales if one of the EC2 instances goes down, it would readily create a new one to keep it at a minimum of 3 instances, all in different regions 1a, 1b, 1c. If the load became too high, it would also create new ones. Because of that, this system was also resilient. The system also did a health check every few minutes to make sure everything was working. If it got a bad code, the system would go unhealthy, and interior you could then create a notification that you would receive through your email.

# What I learned

I learned multiple systems, like CloudFormation, load balancing, and more. This was interesting and I learned a lot. The guide was also really helpful and easy to follow. What was nice overall, this was a fun and easy assignment. I think we could really use this knowledge in our case study project. Below you can find some screenshots I made while using the system and what I found in the documentation.

Afbeelding met tekst, Lettertype, lijn, schermopname

Door AI gegenereerde inhoud is mogelijk onjuist.

Afbeelding met tekst, schermopname, Lettertype, nummer

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