**Give a brief introduction about yourself**

I am Roland katsekpor I have 5 years of experience in the IT industry in which for the last 3 and half years I have been working on the cloud. In the cloud, I have been primarily working on AWS or Amazon web services in which I have worked on the services of compute, database, security, storage, migration, networking, developer tools and the containerizing of AWS. Apart from this, I have also been involved in migration activities to AWS. I have also worked on DevOps tools like Docker, chef, vagrant, Kubernetes, Terraform, Ansible, GitHub, and Jenkins pipeline.

**What are your day-to-day activities? AWS**

My daily-to-day activities are migration of infrastructure, if we have an application coming up online or if we need to migrate the client machines to AWS which can be in variety of phases either via migrating of the servers via AIMS, 2s3,28ws. First migrating to a lower environment and then propagating to higher environments.

Apart from that if at all we get any bugs or errors or incident or a change request or a service request via the Jira tool I can be allocated that job and my job will be to fix that specific issue. So from my perspective my team which is of six people, we are continuously working on migrating the client’s infrastructure to AWS, however, in the due course of time, if at all because of the migration there is any bug reported, I might be assigned that work and I will be working on that specific scenario or that specific ticket also.

My day-to-day day activities can also be getting the errors. For example if machine is not responding this can be due to various reasons, my machine status check, my vpc check, my machine basic health check or more than often the reason is the volume size of my machine has exceeded. So my machine was to be of 100GB and there is already 100GB of data on my machine. How do I fix it pretty easy we go and resize the volume? Another thing that I do on daily basis is the monitoring of AWS resources, I need to know how many resources are being used whether my RDS are performing the way it has to go or not, whether there are any memory leaks, or any CPU utilization issues.

**What are the common bugs or issues that you face every day**,

1. Maybe drift
2. Maybe the volume size is full

it can be something like a drift which simply means that I want to create an infrastructure and for some reason had a drift which means error? This can be something like volume which was to be gp2 became gp3 or s3 bucket which should have been private and restricted for no user became private and restricted for specific users. This is known as a drift. So my common issue that I face is generally a drift that we actually capture via cloud formation templates or via my terraform drift.

If in case a customer has a change on that let’s say they decided to go with a volume type and they decide to change it that can be an issue so I go there and I have two options either I can do it via the console or via terraform though in our company we are actually doing it via the terraform template.

Second thing