

CyberGirls 3.0 Open Day

SIMULATING AN AWS EC2 INSTANCE ATTACK



Group 5

1. Tessa Mmaitisi
2. Sarah Karumuna
3. Gloria Rotich
4. Janet Oluwatoyin Olabode
5. Omotade Deborah Ikeoluwapo

GROUP 5 MEMBERS



Tessa
Mmaitso



Sarah
Karamuna



Gloria
Rotich



Janet
Oluwatoyin
Olabode



Omotade
Deborah
Ikeoluwapo



ABOUT US



We are a team of cloud security engineers.

We create life online.

We protect infrastructures.

We recreate physical components into virtual.

We are ST JOG!!!!





FOSTE CONSULTING



**ST JOG, we need your help!!!
My company needs your help.**

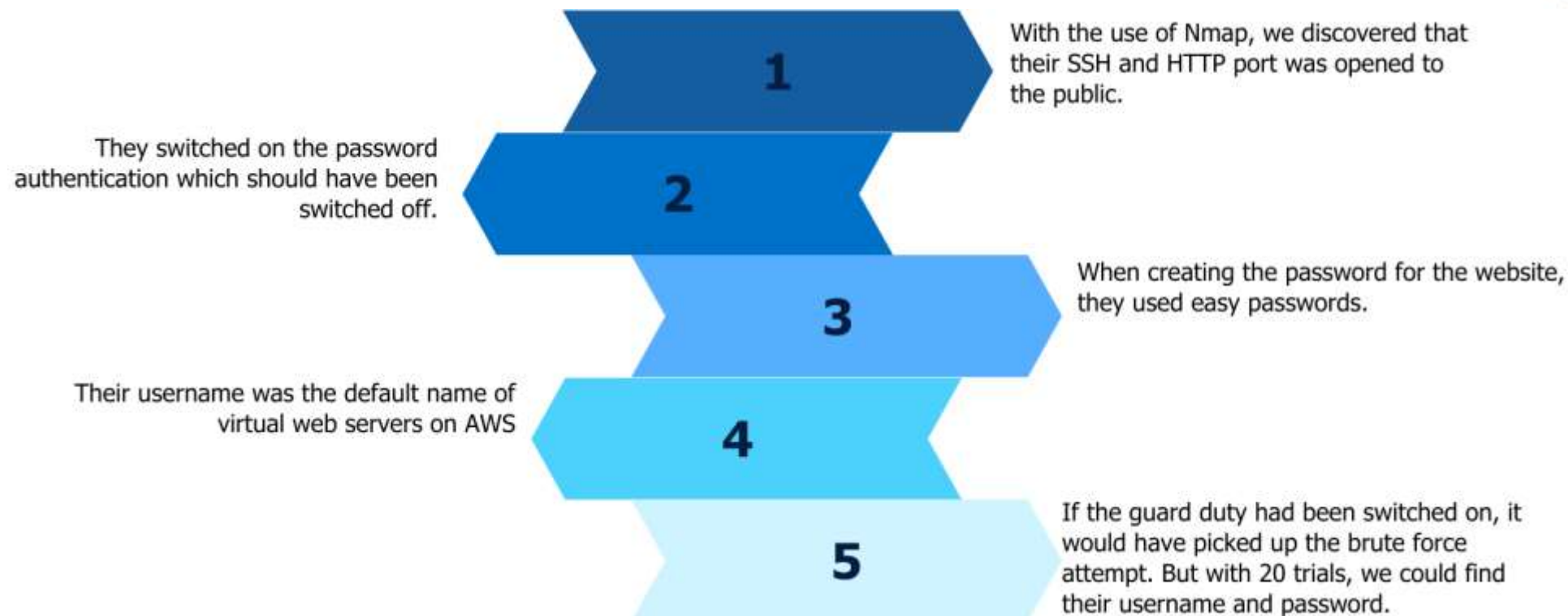
**Recently, we have been hearing of cyberattacks on websites,
virtual web servers and cloud infrastructure.**

**We created a virtual web server to host our website.
We created a password for the website.
But we are not sure it is safe and secure.**

**Safe for our customers and their banking details.
Secure to serve as the image of our company.**

ST JOG, Help Us!!!

PROBLEMS



SOLUTIONS



PORT ACCESS

The port 22, SSH should be closed off to the public. The EC2 instance has a webserver that is running on port 80, HTTP.



AWS GUARD DUTY

The AWS Guard Duty is meant to be turned on in the AWS account for the EC2 instance.



PASSWORD

The password authentication was not meant to be turned on in the first place.



Thank You