

# Zyber Global

OCTOBER 2020 | ISSUE 3

## MAKING DIGITAL SAFE WITH EXPERT CYBER SECURITY TRAINING

Welcome to the October (3rd) edition of Zyber Global Centre's Monthly Newsletter.....

**October** is a busy month for me with a lot to do despite the COVID 19 pandemic. It is not only **Cybersecurity Awareness Month**, it is also **Black History Month**; so I have two of my favourite topics in one month.

Cybersecurity Awareness month 2020 is so very different from how I spent it last year. This year like most people in London, I am working from home on a damp cold October day and counting my blessings that, no one I know has caught the COVID 19 virus.

*Continued on page 2.*



Esther George, CEO Zyber Global Centre

### This Month's Features

#### Zyber Spotlight

The interview spotlight this month is on **Ms Monica Mbogo**, Prosecutor and Head of the CyberCrime Unit. National Prosecutions Service, Tanzania.

#### Zyber News

We also have a roundup of the latest international cybercrime news.

#### Zyber Focus

Feature article on Drugs and Cybercrime (Part 1); by Arsha Gosine, Head of Research.

#### Zyber Global Events

The next Stay Safe Online Webinar by Zyber Global is on the 29 October 2020.

Register now to attend.

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*"We need to be vigilant and keep abreast of the ever-changing developments in cybercrime as well as the laws and practices to combat cybercrime. "*

MONICA MBOGO

HEAD, CYBER CRIME SECTION, NPS, TANZANIA

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Last year I spent some of Cybersecurity Awareness Month in Africa, which now seems like a delightful dream.

At the beginning of October 2019 I spoke at the Global Forum on Cyber Expertise (GFCE) Annual Conference in Ethiopia. My focus was on 'Enabling an International, Knowledge-Led, Coordinated Approach to Prosecuting Cybercrime'.

During the Global Forum, I not only made friends but had the opportunity to visit the



National Museum of Ethiopia in Addis Ababa, I also came face to face with an alleged prehistoric ancestor 'Lucy' (reputed to be the first human).

Towards the end of October 2019, I was in Ghana for the launch of the Cyber Essentials Certification Programme.

The programme was launched to ensure a safer digital Ghana by the e-Crime Bureau in partnership with Cyber Essentials Direct Limited -

<https://thefinderonline.com/news/item/17814-govt-launches-initiative-to-deal-with-malicious-online-activities>



I was recently inspired when I read an article on B:M 2020 by Leslie Braine Ikomi about collecting images of the *African diaspora from the 1700s to the mid 20th century* and its importance in understanding history.

I will as the article says have a look at my own family records and photographs. From now on I will save posters, leaflets and photographs from events that I speak at and attend and keep a record of them for my family, as I too, am part of the black history of Britain.

We have the usual headlines for your information.

This is your newsletter, so do let us know if there are any specific topics you would like to see here.

We also welcome contributions, so contact us if you would like to submit or republish an article.

Continue to keep safe!

*Esther George*

CEO Zyber Global Centre  
Editor





## Zyber Spotlight

### MS MONICA DAVID MBOGO

*Ms Mbogo is a highly regarded senior prosecutor who heads the Cybercrime Section in the National Prosecutions Service, Tanzania. She is dedicated to her profession and firmly believes that 'justice shall prevail'. She advocates that knowledge, public awareness and education is key in the fight against cybercrime.*

#### **Can you tell us a bit about yourself and your journey to where you are today in your career?**

I am currently the Head of the Cybercrime Unit which sits within the Division of Asset Forfeiture, Transnational and Specialised Crimes.

In 2004, after completing my Bachelors of Laws (LLB) degree from, Iringa University College, Tumaini University, I joined Karume and Company Advocates as a legal officer. I later joined the Attorney General's Chamber as a State attorney in 2005, where I was assigned to work under the Director of Public Prosecutions (DPP). Prosecution has been my forte ever since.

I have been a prosecutor for about fifteen (15) years and have a great deal of experience in prosecuting criminal cases at all levels of courts in Tanzania, save for the Court Martial and Primary Court.

## **Any final words on how we can improve our response to cybercrime...**

More and more of our lives are intertwined with technology and we spend more and more time online, Criminals are also moving online taking advantage of the ignorance of cyber security by the citizenry. We should all learn how to protect ourselves and our loved ones while online. Everyone should be vigilant and report every instance of potential cybercrime to the relevant authorities.

It's imperative that every aspect of the justice system is strengthened in order to combat cybercrimes effectively. Our court systems also need to be strengthened. We need magistrates and judges to be well versed on the intricacies of cybercrimes and laws pertaining to cyber activities.

**'We all need to cooperate fully in fighting this borderless scourge that is cybercrime'**



Ms Mbogo at Court

Investigators must also be well equipped in the investigations of cybercrimes because if the case is poorly investigated there is no way to get a successful prosecution no matter how good the prosecutor is. At the same time if the prosecutor is not knowledgeable enough on cybercrimes and how to prosecute cases pertaining to cybercrimes, there is no way he/she can have a successful prosecution.

**For the full interview see:**

<https://zyberglobal.com/my-blog>



# Zyber News Roundup

## SCAMS and more

**HMRC and CPS Scams:** Police warning as scams steal thousands from people's bank accounts.

Police have warned residents to be wary of the latest scams after victims lose more than £21,000 last week.

The scams calls, emails and texts are all pretending to be from HMRC and CPS regarding fake tax rebates, debts or fines.

Hertfordshire Police warned residents and shared details of some of the latest scams which fraudsters have been using to make thousands off of unknown victims.

Scammers use various types of communication methods for their scam and can be seen as legitimate to people not aware.

So here are some of the details from the government of latest scams:

### **Coronavirus (COVID-19) scams**

One scam that has come about recently is an email telling customers they can claim a tax refund to help protect themselves from the coronavirus outbreak.

This email is fake and HMRC is aware of the bogus campaign.

So, do not reply to the email and do not open any links in the message.

The email has the government icon on it and has other measures which make it look real. Please be vigilant.

### **Bogus phone calls**

There are a number of scam phone calls which the government is aware of.

These consist of telling you that the HMRC is filling a lawsuit against you (you are then advised to press 1 to speak to a caseworker to make a payment and it is a scam), offering you a tax refund (to get access to bank details) and more.

If you cannot verify the identity of the caller, do not speak to them.

If you've been a victim of the scam and suffered financial loss, report it to Action Fraud.

The calls use a variety of phone numbers. To help our investigations you should report full details of the scam by email to:

phishing@hmrc.gov.uk, including the:

- the date of the call
- phone number used
- content of the call

Read the full story here:

<https://www.hertfordshiremercury.co.uk/news/hertfordshire-news/hmrc-cps-phone-email-scams-4548227>

See <https://zyberglobal.com> for the full article.

For up to date zyber news follow me on twitter:

[https://twitter.com/Esther\\_George](https://twitter.com/Esther_George)

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# Zyber Focus

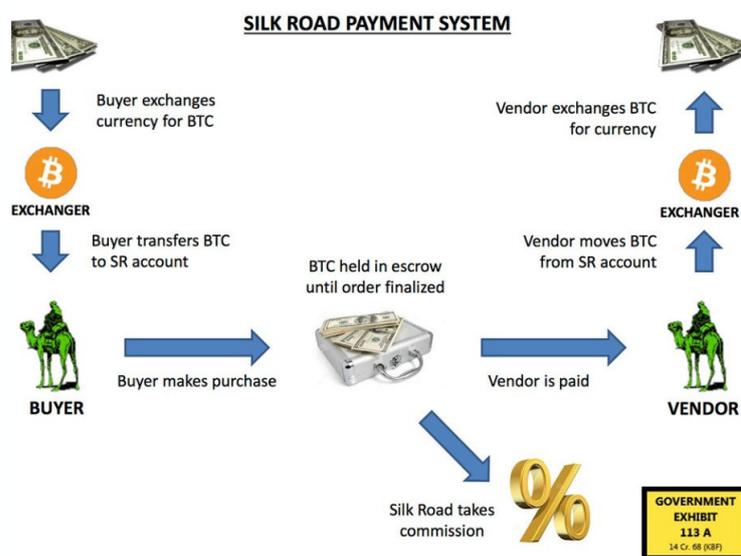
## Drugs and Cybercrime, Part 1

Today, I am going to share information on the background and demise of the 'Silk Road' which used the 'Dark Web' to sell drugs and other illegal goods. The closure of the 'Silk Road' took out 13,648 different drug deals (Digital Citizens Alliance).

Tucked away, far within the Dark Web, the Silk Road was **the** online marketplace for drugs and illegal goods. It used the Tor Network a.k.a The Onion Router, which is a US Navy-designed privacy network that has long been under scrutiny by governments the world over for its promise of anonymity. It dealt in Bitcoin so that transactions remained anonymous. It was like a fantasy story.

The Silk Road, founded in February 2011, was the brain child of Ross Ulbricht using the moniker 'Dread Pirate Roberts'. He named it after the historical trading route which connected Europe and Asia.

Before its demise in 2013, it is believed to have handled over \$1.2 billion USD worth of illegal goods including drugs with over \$79.2 million USD in commissions. Following the site closure, the FBI seized around 144,000 BTC which was worth approximately \$28.5 million USD.



Flow Chart of Silk Road's Payment System as Envisioned by the U.S. Government

### So how was Ross Ulbricht caught?

The FBI's press release stated that they were able to uncover the Silk Road servers via a software flaw on the site's login page which revealed an IP address. That IP address then led them to a location in Iceland where the Silk Road server was hosted. Some experts find this explanation implausible, saying that it is more likely that the FBI probably hacked the login page repeatedly to force the IP address, which is illegal and could set a legal precedent which would be problematic to say the least.

Ulbricht was eventually caught through his gmail account. The FBI obtained his records from Google and tracked him down. Ulbricht used a VPN to hide his location, but the FBI subpoenaed the provider of the VPN. Their investigation led them to an internet cafe in San Francisco, USA and, eventually, to Ulbricht. Ulbricht was successfully prosecuted and sentenced to life imprisonment with no possibility of parole.

**There have been too many failures and no market owner has earned the absolute trust that customers had in Silk Road.**

**Ellen Ormsby**

**Author: The Darkest Web**

A second iteration of the website, Silk Road 2.0 was opened by the administrators of the original site. It only survived for a year, ending with the arrest of the mastermind Thomas White, UK in 2014.

The charge reflected sales of class A drugs in Germany worth £110,000, for which White earned 1% commission. Sentencing him, HHJ Thomas Teague QC, said: "You traded in illicit drugs and facilitated the trading by others in such drugs through the medium of a clandestine online marketplace, Silk Road. It had sophisticated security arrangements to minimise the risk of detection by law enforcement agencies and users made and received payments in Bitcoin."

In 2019, he was sentenced at the Liverpool Crown Court, UK to five years and four months. Although the 'Silk Road' professed to have good anonymity.....What is hidden does come to light.



# Zyber Global Events

Zyber Global's [Stay Safe Online Webinar](#) is on Thursday 29 October 2020 at 1600 hours GMT. [Register now to attend.](#)

## Other Cyber Security Events

<p>RSA Threat Hunting Labyrinth October 29, 2020</p>	<p>ISACA CACs Conference, Euro 2020 October 28-30, 2020</p>	<p>BCI World Virtual November 5 &amp; 6, 2020</p>
<p>The Cloud Security Alliance is a non-profit organization formed to promote the use of best practices for providing security assurance within Cloud Computing and provide education on the uses of Cloud Computing to help secure all other forms of computing.</p> <p>The Event aims to:</p> <ul style="list-style-type: none"> <li>• Promote a common level of understanding between the consumers and providers of cloud computing regarding the necessary security requirements and attestation of assurance.</li> <li>• Promote independent research into best practices for cloud computing security.</li> </ul>	<p>Euro CACS 2020 Virtual brings together those in the area of audit, security, compliance, risk, privacy, control and IT, and also from a wide range of industries including; finance, banking, tech, medical and much more.</p> <p>Stay ahead of emerging trends and gain new tools, guidance and insight that will help set the course for the future of information systems and cybersecurity—and for your role in vitally important fields that assess, manage, protect, and drive the success of enterprises worldwide.</p>	<p>A full, comprehensive programme with multiple streams filled with subjects and speakers selected to inform, engage, and challenge.</p> <p>Streams include:</p> <ul style="list-style-type: none"> <li>• Back to beginnings</li> <li>• Cyber &amp; IT resilience</li> <li>• Working with Risk Management</li> <li>• Supply Chain Resilience</li> <li>• Exercising and Crisis Management</li> <li>• Public Sector, in partnership with EPC</li> <li>• Finance Sector and Operational Resilience</li> <li>• Pandemic – What has changed?</li> </ul>
<p>For further information: <a href="https://infosec-conferences.com/events-in-2020/rsa-threat-hunting-labyrinth/">https://infosec-conferences.com/events-in-2020/rsa-threat-hunting-labyrinth/</a></p>	<p>For further information: <a href="https://www.isaca.org/conferences">https://www.isaca.org/conferences</a></p>	<p>For further information: <a href="https://www.thebci.org/event">https://www.thebci.org/event</a></p>



# Zyber Global Online Events

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