



6 - 7 NOVEMBER 2024
LANCERS INN HOTEL
(HYBRID EVENT)



CYBER SECURITY SUMMIT LESOTHO 2024 - AGENDA

Theme

“Securing our World in the 4IR era”

Host

Andrew Phaane Mosae - Principal, Lehaha Institute

Chair

Dr Ntsibane Ntlatlapa - Link Centre, Wits University

Wednesday, 6 November 2024

08:00 Registration

09:00 Welcome remarks

09:05 Opening address

Dyke Sehloho - Director General LNBS: Ministry of Information, Communications, Science, technology and Innovation

09:30 Securing the future - navigating Lesotho's cybersecurity challenges and opportunities

Prof Venthan Thuraisingham, PhD - Cybersecurity Educator, Researcher and Consultant at the Durban University of Technology (virtual presentation)

Lesotho faces unique cybersecurity challenges as it advances in digital transformation. This presentation will delve into the current state of cybersecurity in Lesotho, highlighting threats such as cybercrime, data breaches, and resource constraints in defending against cyber risks. The presenter will also discuss the country's existing regulatory framework and efforts in capacity building and international collaboration. By examining both current challenges and promising opportunities, including the potential for public-private partnerships, skills development, and progressive cybersecurity legislation, this presentation aims to provide actionable insights and foster resilience in Lesotho's digital landscape.

10:10 Presentation on the Global Cybersecurity Index (GCI) Report: Lesotho's Review

Khiba Masiu - Director ICT, Ministry of Information, Communications, Science, Technology and Innovation



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10:40 Morning break, refreshments and networking

11:00 PANEL DISCUSSION: Addressing the findings of the GCI Report

Moderator: Rorisang Molefe

Ministry of Information, Communications, Science, Technology and Innovation

Limkokwing University of Creative Technology

Dr Peter Tobin

Neo Selematsela

12:00 Understanding NIST Cybersecurity Framework (CSF) 2.0 and assessing your readiness for effective cyber security using NIST CSF 2.0

Dr Peter Tobin - CEO at Peter Tobin Consultancy (virtual presentation)

- Why NIST Cybersecurity Framework 2.0?
- What is new in NIST CSF 2.0?
- NIST CSF 2.0 core functions overview
- NIST CSF 2.0 tiers overview
- NIST CSF 2.0 implementation examples
- NIST CSF 2.0 profiles
- NIST CSF 2.0 informative references
- 7 steps to establishing or improving a cybersecurity programme
- Self-assessing cybersecurity risk with the NIST Cybersecurity Framework 2.0

13:00 Lunch break and networking

14:00 Building a defensible cyber security strategy and cyber resilience

Doreen Mokoena - CEO and Chief Information Security Officer at Cybersec Clinique

- How can you make your organisation sufficiently bullet proof to prevent a major incident rather than making yourself completely invulnerable?
- How can you build a robust cyber security resilience strategy to enable you to maintain business continuity should a security incident occur?
- What measures can you put in place to protect against, detect, respond and recover timeously from cyber-attacks with minimal business impact? What frameworks can you adopt?

14:40 The Importance of an Inside-Out Approach to Database Security

Kgotso Twala - Founder and Information Security Consultant at Hubsec,



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15:15 Ransomware protection

Neo Selematsela - Head of Cybersecurity (acting) at Vodacom Lesotho, and also Co-founder and COO at Tethics

- The evolution of ransomware
- Ransomware prevention
- Mitigating ransomware risk
- How to respond to ransomware attacks
- When should you pay the ransom (and when not to pay)

15:45 Afternoon break, refreshments and networking

16:00 Data protection and cyber security - are they mutually exclusive?

Doreen Mokoena - CEO and Chief Information Security Officer at Cybersec Clinique

- How has the Data Protection Act / PoPIA impacted the type of data that organisations can use and for what purpose?
- How are privacy laws such as the Data Protection Act and PoPIA changing the dynamics of cyber security?
- How much authority does an organisation have over its employees' personal devices, networks, etc.?
- How to protect and govern sensitive data?
- To what extent are threat actors now able to exploit weaknesses as a result of tighter privacy restrictions?
- Understanding lessons learned from the Data Protection Act and PoPIA so far. How is the law being interpreted by the courts?

16:45 Wrap-up and takeaways

17:00 Closing remarks

Lesotho PostBank



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Thursday, 7 November 2024

09:00 **Welcome remarks**

09:05 **Recap of previous day**

09:20 **Artificial Intelligence: What is real and what is fake?**

Pre-recorded eNCA interview with Craig Rosewarne - MD of Wolfpack Information Risk

09:45 **Evolution of cyber attacks and tactics**

Tieho Letsoara - Network & Information Security Manager at Econet Telecom Lesotho, and also Co-founder and CIO at Tethics

- Phishing attacks
- Ransomware attacks
- DDoS attacks
- AI and ML, a friend or a foe?
- Social engineering attacks
- Account takeover
- Illicit consent grants on Office 365
- AI and LLM inherent risks
- Uncovering the scammer

10:15 **Social engineering attack simulation**

Motsamai Mokheseng - Certified Ethical Hacker and Cybersecurity Engineer at Econet Telecom Lesotho

10:40 **Morning break, refreshments and networking**

11:00 **Safeguarding ourselves through cybersecurity awareness and education**

Thato Khiba - Cyber Security Lecturer, Lerotholi Polytechnic

- A look into challenges facing Lesotho
- Role of public, private and civil society sectors in cybersecurity education
- Educational strategies to assist in creating a cyber secure culture
- Co-opting communities into awareness and educational initiatives

11:30 **Combating cybercrimes in Lesotho**

Adv. Ezekiel Senti - Senior Assistant Commissioner of Police (Crime Prevention and Community Policing)



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- The role of law enforcement agencies in curbing cybercrimes
- Building capacity in the fight against cybercrimes
- Cross-border and international collaborations in targeting cybercriminals
- Current focus of the Police Cyber Security Unit

12:10 PANEL DISCUSSION: Computer Crime and Cyber Security Bill - What is next for Lesotho?

Moderator: Rorisang Molefe

- Does this Bill go far enough to address the issues that Lesotho is currently facing in terms of cybercrime? What more needs to be done from a policy/legislative point of view?
- Comparing the Bill with equivalent international laws and regulations - what is being done globally?

13:00 Lunch break and networking

14:00 Avalanche of youth in the digital space - how secure, how prepared, and how proactive?

Mpona Mohapi - Cyber Defense and Prevent, Vodacom Lesotho

Unpacks the degree of security, preparedness and level of proactivity of young people who are large consumers of digital data.

14:30 Women in Cybersecurity and CyberSafe Foundation

Doreen Mokoena and Mpona Mohapi

15:15 Afternoon break, refreshments and networking

15:30 PANEL DISCUSSION: Addressing the cyber security skills shortage

Moderator: Doreen Mokoena

- Developing a strategy for recruiting and retaining cyber security talent. What skills, experience and qualities should you be looking for?
- Is it preferable to upskill internally rather than recruit externally or hire consultants?
- What are the implications of a continued lack of cyber security professionals on businesses and the economy?
- What training resources are available to small businesses, NPOs, etc, to assist with upskilling their staff?

16:30 Wrap-up and takeaways

16:45 Closing remarks

Revenue Services Lesotho