

AfricaCERT Convenes Continent-Wide Cyber Drill and Web Attack Training at Africa Internet Summit 2025

More than 200 participants from across Africa join hands-on incident response exercises in Accra and online



ACCRA, Ghana, November 3, 2025 — AfricaCERT hosted a series of cybersecurity capacity-building events during the 2025 Africa Internet Summit (AIS'25), held from 29 September to 3 October 2025 at the Alisa Hotel, North Ridge, Accra, Ghana, and streamed online via Zoom. The programme brought together security operations analysts, incident responders, system administrators and network engineers from across the continent for practical, team-based training.

The events were aligned with the AIS'25 theme, *“A Resilient Internet Ecosystem for an Innovative Digital Africa.”*

Tutorial: Investigating Web Attacks to Assess Cyber Risks

The programme opened with a technical tutorial delivered by Mr. Eric Sowah Badger (OSCP+, CRT0, PNPT, CRTP, eWPTX). Participants were introduced to core web application vulnerabilities — including Insecure Direct Object Reference (IDOR), SQL injection, remote code execution (RCE) and broken authentication — and then explored attack and detection techniques in a hands-on laboratory built on the GyeNyame Bank vulnerable PHP-MySQL training application.

The session also covered emerging cyberattack trends, the analysis and interpretation of web server logs, and best practices in log management and risk assessment.

Two takeaways framed the session: that effective SOC analysts and incident responders must understand web attacks — you cannot defend what you do not know — and that log analysis is not only about spotting attacks, but about identifying trends, managing risk and proactively strengthening web infrastructure before a breach occurs.

Cyber Drill

The second session was a virtual, team-based Cyber Drill delivered as a joint initiative by AfricaCERT, AfNOG, the Africa Internet Summit, CTFROOM and FIRST, through FIRST's Africa Regional Liaison Initiative. The drill was facilitated by Mr. Lawrence Muchilwa, FIRST's Africa Regional Liaison.

The exercise set out to:

- Strengthen the capability of cybersecurity teams, system administrators and network engineers who operate and secure Africa's internet infrastructure.
- Provide a hands-on, team-based learning experience focused on real-world cyber resilience.
- Foster collaboration across the African internet and cybersecurity community.

Teams competed against a live scoreboard projected throughout the session. The top five teams were:

Rank	Team	Country	Points
1	L3v3l_6	Kenya	321
2	EG-CERT	Egypt	321
3	Zedbytes	Zambia	311
4	DJ-CERT	Djibouti	291
5	LCA Ls ComCSIRT	Lesotho	281

Awards were reserved for teams based on the continent.

Participation

The programme drew 223 registrations, with 218 total attendees joining live or in the lobby and peak live attendance reaching 165.

Acknowledgements

AfricaCERT extends its appreciation to its partners; AfNOG, CTFROOM, the Africa Internet Summit, and FIRST—and its gratitude to the speakers, Mr. Eric Sowah Badger and Mr. Lawrence Muchilwa, and to all participants from across Africa and beyond.

Media Contact

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