

Phishing Investigation Workflow by Victor Mumo

1. Identifying the Threat

- Extracted a suspicious URL (api[.]yu3[.]io/5ctkkw) from a phishing email.

2. Initial Analysis

- Opened the URL in a secure environment (isolated VM or sandbox).
- Observed that it mimicked **Absa Bank's login page**.

3. Technical Investigation

- Used **Burp Suite** to capture HTTP requests & responses.
- Identified exfiltration endpoint (loranto[.]com/wp-content/update/send_login.php.).
- Noted redirection to eu2[.]contabostorage[.]com/0f057bf4d91340d3ae18d5f31372fa7e[:]mygo/abs/loading[.]html on **Contabo Storage** after submission.

4. Infrastructure Analysis

- Performed **WHOIS lookups** on involved domains.
- Checked hosting providers and IP addresses.
- Used **VirusTotal** & threat intel tools to see if domains/IPs were flagged.

5. Compiling Evidence

- Captured screenshots of the phishing page.
- Documented HTTP traffic & error messages (403, 421).
- Mapped attack flow from initial phishing attempt to credential exfiltration.

6. Reporting & Mitigation

- Structured findings into a detailed phishing campaign report.