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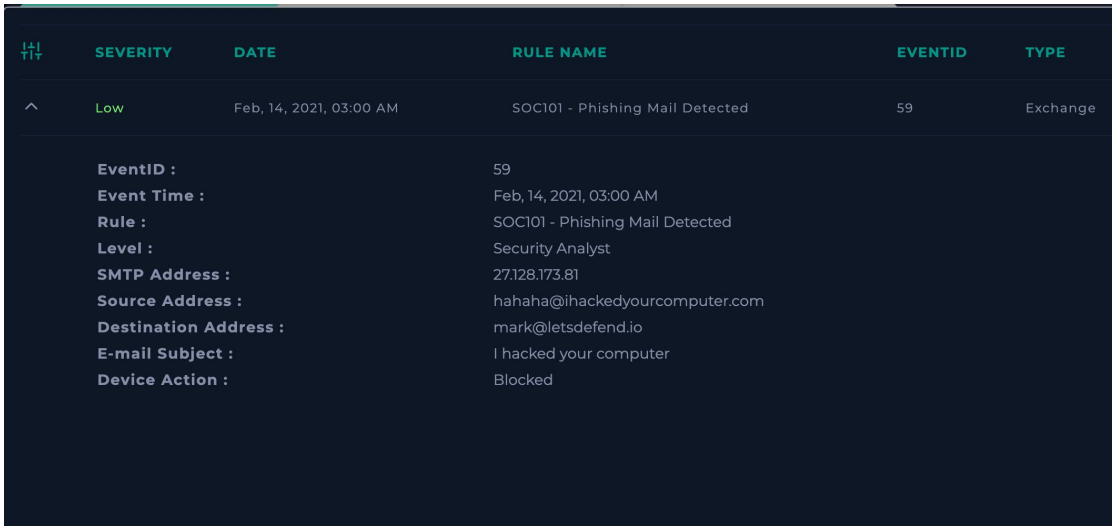
Group : AMIT - Cyber Security Online 87
Task : Real Siem Alerts

Alert 1



SOC Investigation – 6 Challenges

1. Alert Understanding:
The alert SOC101 – Phishing Mail Detected indicates a phishing email attempt detected by the Exchange email security system.

2. Source & Sender Analysis:
The email was sent from an external sender (hahaha@ihackedyourcomputer.com) using IP address 27.128.173.81, which appears suspicious.

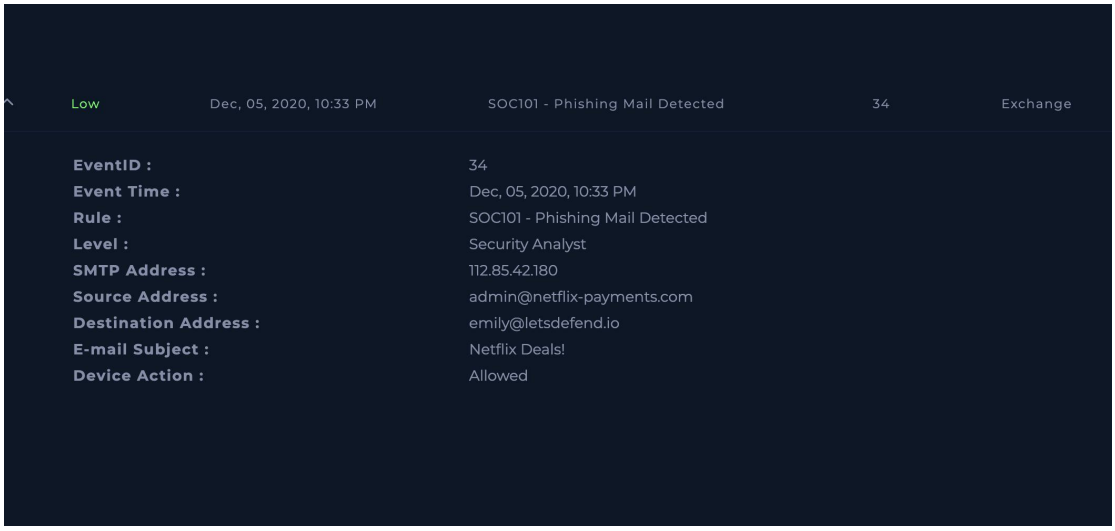
3. Email Content Analysis:
The subject “I hacked your computer” is a threatening message commonly used in phishing campaigns.

4. Scope & Impact Assessment:
The email was delivered to a single user only with no evidence of wider distribution.

5. User Interaction Check:
The email was blocked automatically and no user interaction occurred.

6. Response & Closure:
The incident was contained successfully, classified as a true positive, and closed with no impact.

Alert 2



1. Alert Understanding:
The alert SOC101 – Phishing Mail Detected indicates a phishing email detected by the Exchange email system. The email was allowed and delivered to the user.

2. Source & Sender Analysis:
The email originated from an external sender (admin@netflix-payments.com) using IP address 112.85.42.180. The domain impersonates a legitimate Netflix service.

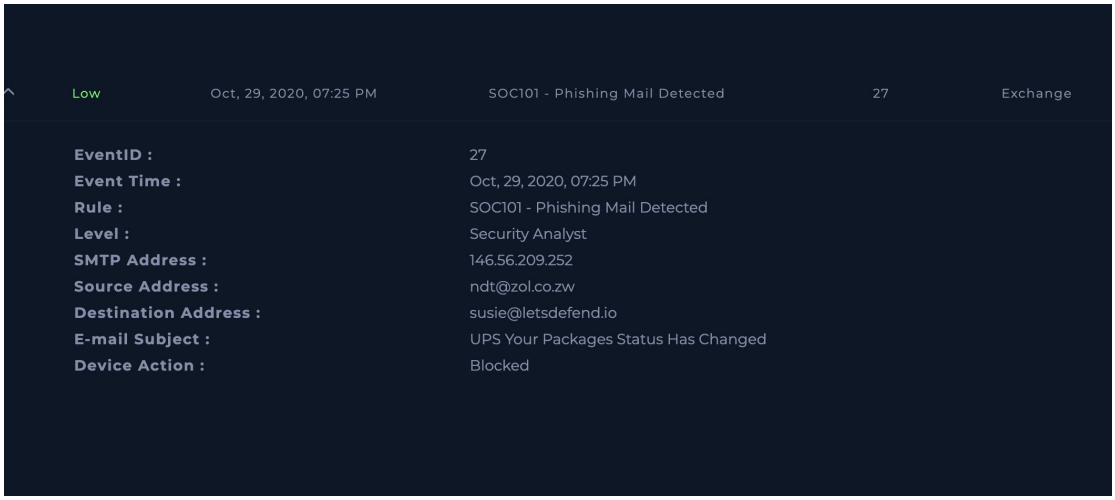
3. Email Content Analysis:
The subject “Netflix Deals!” uses brand impersonation and promotional language commonly associated with phishing attacks.

4. Scope & Impact Assessment:
The email was delivered to a single user with no evidence of wider distribution.

5. User Interaction Check:
The email was allowed, and potential user interaction cannot be ruled out.

6. Response & Closure:
The incident was confirmed as a true positive. User awareness and monitoring are recommended, and the alert is closed with potential exposure noted.

Alert 3



1. Alert Understanding:
The alert SOC101 – Phishing Mail Detected indicates a phishing email attempt detected by the Exchange email security system. The email was blocked automatically.

2. Source & Sender Analysis:
The email originated from an external sender (ndt@zol.co.zw) using IP address 146.56.209.252. The sender domain is suspicious and does not belong to UPS.

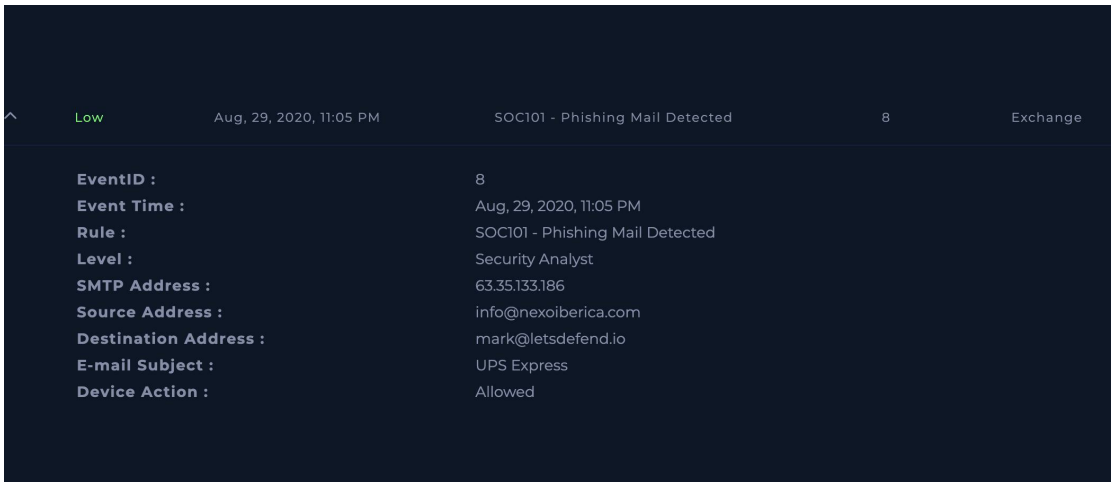
3. Email Content Analysis:
The subject “UPS Your Packages Status Has Changed” impersonates a shipping company and is a common phishing lure.

4. Scope & Impact Assessment:
The email targeted a single user only with no evidence of broader distribution.

5. User Interaction Check:
The email was blocked before delivery and no user interaction occurred.

6. Response & Closure:
The phishing attempt was contained successfully, classified as a true positive, and closed with no impact.

Alert 4



1. Alert Understanding:
The alert SOC101 – Phishing Mail Detected indicates a phishing email detected by the Exchange system. The email was allowed and delivered to the user.

2. Source & Sender Analysis:
The email originated from info@nexoiberica.com using IP address 63.35.133.186. The sender domain is not associated with UPS and is suspicious.

3. Email Content Analysis:
The subject “UPS Express” impersonates a legitimate shipping service and is commonly used in phishing campaigns.

4. Scope & Impact Assessment:
Based on the available logs, the phishing email targeted a single user only.

5. User Interaction Check:
The email was delivered to the user. No confirmed interaction is visible, but user exposure is possible.

6. Response & Mitigation:
The alert is classified as a true positive phishing attempt. User awareness is recommended, and the alert has been closed.