

Title: Forensic Analysis Report for Ransomware Incident

Prepared By: CyberSecure Investigations, Inc.

Key Findings:

- Malware Identified: Lockbit 3.0 ransomware.
- Infection Method: Email phishing with malicious attachment.
- Affected Files: 12,456 files (size: 24.3 GB).
- Encryption Method: AES-256 with RSA-2048 for key exchange.
- Known Variants: Similar to samples observed in 2024 targeting personal users.

Recommendations:

1. Immediately disconnect infected devices from the network.
2. Engage a data recovery expert to attempt decryption.
3. Improve email phishing defenses (SPF, DKIM, DMARC).