KPMG Cyber Threat Intelligence Platform

BlackSuit Ransomware - Rebranded Threat Targeting Enterprises Worldwide

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BlackSuit Ransomware, identified in April/May 2023, is recognized as a rebranding of the Royal ransomware due to notable code similarities. BlackSuit introduces a novel multi-pronged strategy, targeting both large enterprises and small to medium-sized businesses. Its attacks predominantly affect sectors such as healthcare, education, IT, government, retail, and manufacturing, with a focus on regions including USA, Canada, UK, Italy, South Korea, and Brazil.

Initial access is gained through phishing emails, third-party frameworks (e.g., Empire, Metasploit, Cobalt Strike), or malicious torrent files. Once inside, they use tools like SharpShares and SoftPerfect NetWorx for network enumeration and repurpose legitimate Windows software and open-source tools to strengthen their foothold and further intrusion. For lateral movement, they use RDP, PsExec, and SMB, employing an admin account that deactivates the antivirus by logging in the domain controller via SMB and modifying Group Policy Objects. Credential-stealing tools (Mimikatz) and Nirsoft's password harvesting tools are employed, along with PowerTool and GMER to kill system processes. Data is exfiltrated using repurposed penetration testing tools and malware derivatives. Payloads on Windows and Linux use AES for data encryption, with intermittent encryption options. Batch files execute the ransomware, monitor the encryption process, delete files and event logs upon completion, while Volume Shadow Copies are removed to prevent file recovery and compel ransom payment.

BlackSuit's utilization of advanced tools, coupled with its extortion tactics, necessitates robust network defenses and effective backup protocols to counter these threats.

What should you do?

- Monitor Indicators of Compromise (IoCs) in your environment to identify anomalies.
- Ensure your Windows environment is patched to the brim and is protected with multi-factor authentication.
- Conduct a comprehensive, full spectrum, threat assessment exercise to uncover blind spots and improvement areas.

KPMG Cyber Threat Intelligence Platform is an industry defining, research-based capability for enhanced visibility into cyber threats.

Our machine ingestible feeds and analysis are the result of automated, sensor-based intelligence metrics with dedicated, expert insights of each threat to provide you the appropriate context on a timely basis in industry standard formats such as STIX/ TAXII/ MISP.

These feeds are additionally co-related with our industry partners and independent research for additional context. The intelligence obtained is then curated from strategic, tactical and operational perspective to give you a wide-ranging view of cyber threats.

We also assist you with our renowned cyber incident response and threat hunting services in case you identify an active threat in your environment.

We offer a wide-range of services, including:

Strategic threat intelligence report

Machine ingestible threat intelligence feeds

Threat intelligence driven pre-emptive threat hunting exercise

Cyber Incident Response Services

KPMG in India Cyber Response Hotline: 1800 2020 502

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Indicators of Compromise: IP Addresses	
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193.37.69[.]116	180.131.145[.]61
137.220.61[.]94	138.199.53[.]226
45.141.87[.]218	184.166.211[.]74
135.148.67[.]84	185.190.24[.]103
137.220.61[.]94	143.244.146[.]183

Indicators of Compromise: Domains
abbeymathiass[.]com
<pre>turnovercheck[.]com</pre>

Indicators of Compromise: Hashes

indicators of Compromise. Hasnes
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9495672a47fcaa5ce6f9f1bd86a56b79
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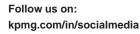
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Indicators of Compromise: Hashes
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