FIN5, which earlier this year was profiled by researchers at Trend Micro and has been in action since at least 2008, uses real credentials from the victim organization's virtual private network, Remote Desktop Protocol, Citrix, or VNC. Vengerik says the attackers got those credentials via third parties associated with the victims' POS systems.

"Most of the maintenance and administration of POS systems are done by a

FIN5 uses a tool called GET2 Penetrator, a brute force scanning tool that looks for remote login and hard-coded credentials, as well as a free tool called EssentialNet that scans the victim's network to give the attackers "the lay of the land," Vengerik said.

RawPOS pulls information from a POS system's memory. The malware includes several components, FireEye found: Duebrew, which ensures the malware remains on the infected Windows machine, even when it gets rebooted; Fiendory, a memory scraper that grabs the payment card data; Driftwood, which encodes the stolen payment card information to hide it from analysis tools.

Another unusual feature of FIN5's operation is that the malware code is "well-





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FireEye says the attackers first target the Active Directory to get to the card data, and use tools such as Windows Credentials Editor in their quest for legit credentials. They also created several custom tools for covering their tracks and cleaning up any traces of the malware, as well as proxy tools for accessing segregated network segments.

"They also encoded hard kill-times into most of their malware for a hard end date" of the attack, he said. Trend Micro earlier this year noted how RawPOS was able to evolve to target various types of POS software. "Aside from being multi-component, RawPOS is notable for its support for multiple POS software. Since business establishments would have different POS software, attackers have modified RawPOS' code to support multiple PoS software over time," Trend Micro researchers wrote in a blog post in late April.

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While current vulnerability and threat management techniques
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entworks and data operate now, according to Rob Gurzeev,
CEO and co-founder of CyCognito. He proposes something
called "shadow risk elimination," along with reconnaissance,
innovations for better protection.

Meanwhile, FireEye today also announced that is has partnered with Visa Inc. to power a new threat intelligence service for merchants and card issuers. The so-called Visa Threat Intelligence service is the first product under a newly forged partnership between Visa and FireEye.

"We want to offer faster, actionable intelligence to our constituents," said Mark Nelson, senior vice president of risk products at Visa

Kelly Jackson Higgins is the Executive Editor of Dark Reading. She is an award-winning veteran technology and business journalist with more than two decades of experience in reporting and editing for various publications, including Network Computing, Secure Enterprise ... <u>View Full Bio</u>



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Security executives who from strong relationships across business lines are experiencing lower breach costs and driving down risk, according to J. Wolfgang Goerlich, Ciscos advisory CISO. He also discusses other key findings in the sixth annual CISO Benchmark Report, such as which metrics are used to measure security success and what strategies to use to combat complexity and cyber fatigue. Find the report by clicking here: cisco.com/go/cisoreport

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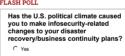
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C No but we are considering it C Still waiting for cybersecurity guidance from Trump admin EO

C Don't know C Other (Please explain in the comments)

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CVE-2020-5252 PUBLISHED: 2020-03-23

PUBLISHED. 2020-05-23
The command-line Squot; safetySquot; package for Python has a potential security issue. There are two Python characteristics that allow malicious code to Sacirc, Seuro, Saelig, poison-piliSacirc, Seuro, Seuro, Saelig, poison-piliSacirc, Seuro, Saelig, poison-piliSacirc, Seuro, Seu CVE-2019-17559

There is a vulnerability in Apache Traffic Server 6.0.0 to 6.2.3, 7.0.0 to 7.1.8, and 8.0.0 to 8.0.5 with a smuggling attack and scheme parsing. Upgrade to versions 7.1.9 and 8.0.6 or later versions.

There is a vulnerability in Apache Traffic Server 6.0.0 to 6.2.3, 7.0.0 to 7.1.8, and 8.0.0 to 8.0.5 with a smuggling attack and chunked encoding. Upgrade to versions 7.1.9 and 8.0.6 or later versions.

CVE-2020-10875
PLIRLISHED: 2020-03-23 Motorola FX9500 devices allow remote attackers to conduct absolute path traversal attacks, as demonstrated by PL/SQL Server Pages files such as /include/viewtagdb.psp.

CVE-2020-10879 rConfig before 3.9.5 allows injection because lib/crut/search.crud.php does not properly construct a find command.

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third party -- the maintenance, patching, troubleshooting" is done remote via those credentials, he said. "FIN5 maintained access to two or more payment processor networks primarily for the goal of logging into and accessing their customers' environments," he said. "It's a textbook case of a lateral compromise bet companies based on trust." FireEye last year investigated a massive breach at a casino hotel with 1,200 endpoints that suffered losses to more than 150,000 payment cards. Vengerik declined to name the hotel. The casino attackers used a stolen VPN account to gain access, said Emmanuel Jean-Georges, senior consultant with FireEye's Mandiant.

commented," Vengerik said. "That's incredibly rare in malware, the author taking time to comment on the code and to show what section of code is doing what," he said. It's like a secure development lifecycle approach, he ase notes for the Driftwood code are written in an older Russian character set, the researchers showed. Why would the malware author actively comment on the code? "It points to a possible ecosystem — for advertising or support" of the malware as a product, Vengerik told *Dark Reading*.