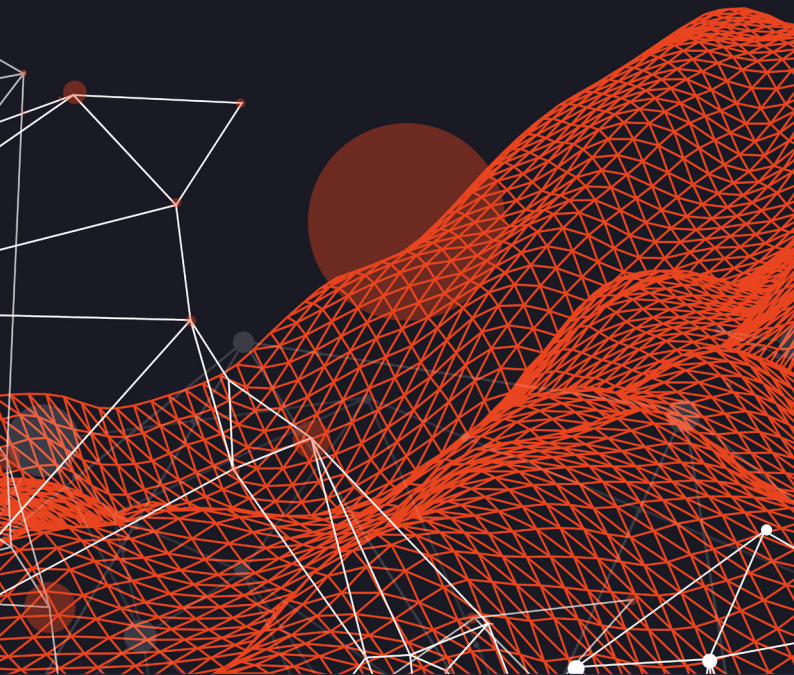

USING THE DARK WEB FOR PRE-ATTACK INTELLIGENCE



SEARCHLIGHT. CYBER

Searchlight Cyber provides organizations with relevant and actionable dark web threat intelligence, to help them identify and prevent criminal activity. Founded in 2017 with a mission to stop criminals acting with impunity on the dark web, we have been involved in some of the world's largest dark web investigations and have the most comprehensive dataset based on proprietary techniques and ground-breaking academic research. Today we help government and law enforcement, enterprises, and managed security services providers around the world to illuminate deep and dark web threats and prevent attacks.



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INTRODUCTION

To date, when cybersecurity companies have discussed “the anatomy of a cyberattack” they have focused on the sequence of events and the actions attackers take to execute their attack once they are on the network. However, this is not the whole picture.

A cyberattack doesn't start on the network, it starts weeks, months or even years before as threat actors do their due diligence on their target, plan their path of attack, coordinate their efforts, and purchase the tools, credentials or access they need to execute their operations.

SEARCHLIGHT IN NUMBERS

VISIBILITY INTO

830,000+

LIVE AND HISTORIC
DARK WEB SITES

90+

DARK WEB
MARKETPLACES

70+

DARK WEB
FORUMS



A CYBERATTACK DOESN'T START ON THE NETWORK, IT STARTS WEEKS, MONTHS OR EVEN YEARS BEFORE.

Understanding how threat actors maneuver their way through an organization's infrastructure is valuable for informing network security and incident readiness but it does little to help security teams prevent their network being breached in the first place. Organizations need threat intelligence on cybercriminal pre-attack activity in order to take action to stop (rather than just mitigate) a breach.

Threat actors' reconnaissance largely takes place on the deep and dark web, where they believe they can act with impunity, out of reach of cybersecurity teams and law enforcement. Dark web intelligence is organizations' best chance to undermine that activity, to arm themselves with the adversarial knowledge they need to pre-empt and prevent attacks, and reduce the impact and cost of cybercrime to their business.

This report uses real deep and dark web intelligence from infamous cybersecurity incidents to demonstrate the red flags that could indicate an imminent threat to a company, and help them to adjust their security posture to prioritize likely attacks.

JIM SIMPSON

Director of Threat Intelligence,
Searchlight Cyber

DARK WEB INTELLIGENCE AND THE MITRE ATT&CK FRAMEWORK

The MITRE ATT&CK framework, a knowledge base of adversary Tactics, Techniques and Procedures (TTPs) based on real-world observations, is a popular tool for organizations creating threat models and methodologies to protect themselves from attacks. It is also useful for explaining where dark web intelligence fits in an organization's defenses.

The MITRE ATT&CK Enterprise Matrix¹ is a chain of actions that threat actors take to execute an attack on an organization's network, with the techniques they might use at each stage and recommendations for how organizations can defend themselves against each one.

MITRE ATT&CK ENTERPRISE TACTICS



The tactics we are most concerned with are Reconnaissance (TA0043)² and Resource Development (TA0042)³, the two stages that are grouped by MITRE in the PRE Matrix⁴. These two tactics are significant because they are the only ones that focus on the period of time before the network is breached. I.e. this is the only point in which organizations have an opportunity to stop that from happening.

RECONNAISSANCE

Reconnaissance consists of techniques that involve adversaries actively or passively gathering information that can be used to support targeting, which may include details of the victim organization, infrastructure, or staff/personnel.

RESOURCE DEVELOPMENT

Focused on an adversary trying to establish resources they can use to support operations, including techniques that involve adversaries creating, purchasing, or compromising/stealing resources that can be used to support targeting.

As MITRE ATT&CK states, mitigating attacks at this stage can be challenging, "as they take place in a space outside of an enterprise's defenses and control". However, dark web intelligence gives organizations an opportunity to extend their view out beyond their organization and into the Reconnaissance and Resource Development stages. Armed with this intelligence, they can modify and enhance their defenses based on greater clarity of exactly who is planning to attack their organizations, and how they plan to do it.

GATHERING DARK WEB INTELLIGENCE ON THREAT ACTORS

Adversarial intelligence is key for organizations looking to gain the upper hand on their attackers while they are in the Reconnaissance and Resource Development phases.

These two case studies of LAPSUS\$ and DarkSide - two notable threat clusters from the past few years - demonstrate what we can learn about the TTPs used by each group from dark web intelligence.

As the contrast between the two groups shows, while the impact on the business might be the same, there are substantial differences between how threat groups operate. Therefore, treating all threat actors as a like-for-like threat is a mistake, and dark intelligence is one way organizations can create a more reliable picture of the adversary.



TREATING ALL THREAT ACTORS AS A LIKE-FOR-LIKE THREAT IS A MISTAKE, AND DARK INTELLIGENCE IS ONE WAY ORGANIZATIONS CAN CREATE A MORE RELIABLE PICTURE OF THE ADVERSARY.



LAPSUS\$

BACKGROUND

In December 2021, a new threat actor emerged, primarily targeting corporate and government entities in Portugal and Brazil. While attracting some attention, the group initially kept a fairly low profile before changing tact: moving into the data extortion scene, picking larger targets at increasing frequency, and becoming increasingly outspoken. While the group's activity declined after a number of arrests in March 2022, LAPSUS\$ nevertheless became notable in its short tenure for the volume of its activity, its targets (which included Brazil's health ministry, Impresa, Claro, Samsung, and Nvidia), and its unique approach to communication.

Deep and dark web intelligence gives us insight into the group, its tactics, and its operations that were not widely known or reported at the time.

THE GROUP'S ORIGINS

While it was initially reported that LAPSUS\$ began operations in December 2021 with an attack on Brazil's health ministry, dark web forum records show that the group was actually active for almost half a year prior to this attack. In June 2021, source code stolen from the games developer EA was listed for sale on the popular hacking and leaks site RaidForums by the username 4c3. This user later credited LAPSUS\$ with the breach and promised they would be leaking more data soon (**Figure 1**).

EA Leak - Fifa SOURCE CODE - MIRROR

🕒 28th Jul 2021, 02:46:00 am

- Posted by [4c3](#)

(July 27, 2021 at 06:04 PM)chinksex Wrote: → Since the Mega link from last night got taken down here have some mirrors. Only making this thread cause @4c3 thought it was a good idea to use Mega.

Credits go to @4c3 for leaking it yesterday.

Let me know if you have more mirrors to add.

"4c3" is a stupid name to leak EA the real credits are for LAPSUS\$, we will leak a lot more stuff.

FIGURE 1: 4C3 CREDITS LAPSUS\$ WITH THE EA BREACH AND PROMISES MORE DATA.



ITS COMMUNICATIONS STRATEGY

The LAPSUS\$ Telegram channel was created in December 2021, seemingly to amplify the Brazilian health ministry hack. This is notable for its divergence from other ransomware and threat actors, who tend to favor dark web sites to publicize their attacks. LAPSUS\$ often used its Telegram channel to claim responsibility for attacks, for example, suggesting that it was responsible for an attack against Ubisoft by resharing a news story accompanied by a smirking emoji.

However, it also went further than most other threat actors - whose public communication would usually be limited to announcing, auctioning and sharing stolen data - by using its Telegram channel to crowdfund access to organizations. For example, putting out a recruitment call to malicious insiders at large telecommunication, software, call center, and server host firms (**Figure 2**).

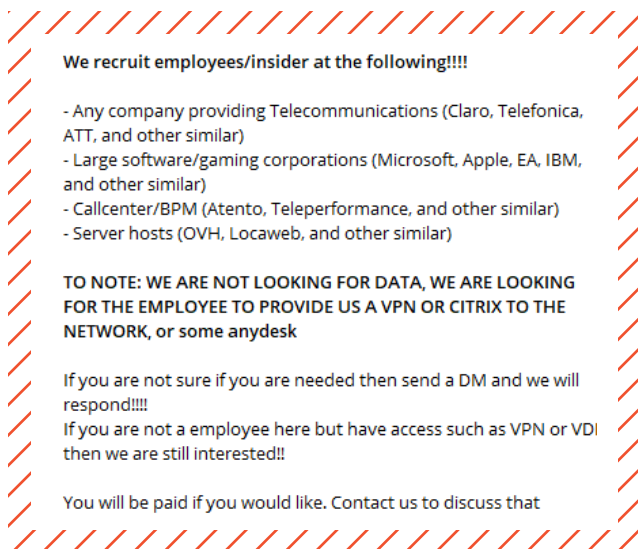


FIGURE 2: A RECRUITMENT POST IN THE LAPSUS\$ TELEGRAM CHANNEL.

While other actors might use similar tactics, this is typically done in a less conspicuous manner over private messages, not on a public Telegram channel with 47,000 subscribers and in full view of law enforcement and security researchers.

REPORTS THAT LAPSUS\$ WAS A RANSOMWARE GANG WERE PROVED FALSE BY INSIGHT FROM ITS TELEGRAM CHANNEL. ASKED ABOUT THEIR TACTICS, LAPSUS\$ STATED ON THEIR CHANNEL “WE SAID IT WAS A RANSOM, NOT A RANSOMWARE”.

ITS TACTICS, TECHNIQUES AND PROCEDURES

Again, initial reports that LAPSUS\$ was a ransomware gang were proved false by insight from its Telegram channel. Asked about their tactics, LAPSUS\$ stated on their channel “we said it was a ransom, not a ransomWARE”. LAPSUS\$ is subsequently best classified as a data extortion actor - one which breaches corporate networks, exfiltrates sensitive data and demands a ransom in return for not leaking the information online. There were also occasions where LAPSUS\$ claimed to engage in data wiping against its targets, raising the stakes for the data’s return and thus the likelihood of ransoms being paid.

Dark web intelligence also sheds light on the mystery of how LAPSUS\$ gained access to its victims’ networks in the first place, with forum posts and Telegram messages suggesting that the group purchased stolen logins and browser fingerprints from cybercrime markets such as Genesis. The EA hack relied on social engineering of staff in the company’s Slack channel, and its call for malicious insiders also indicates another potential path it utilized for attacks.

ITS CONFLICTS WITH OTHER THREAT ACTORS

Another distinguishing feature of LAPSUS\$ was its readiness to make enemies with other threat actors. Although conflict within the cybercriminal underground is nothing new - groups regularly turn their hacking skills on their competitors - LAPSUS\$ became embroiled in several disagreements that seemed particularly personal and contributed to its image as an impulsive group that cared little for the prevailing norms of the wider cybercrime community.

LAPSUS\$ first displayed its appetite for disputes following the EA hack. An actor by the name of Leakbook, who had been active on RaidForums since 2018, dumped EA data in a post titled “FIFA 21 SOURCECODE + TOOLS” in June 2021. Analysis of forum posts between the two suggests the actors were at one point working together, with Leakbook acting as a seller of the FIFA source code on behalf of LAPSUS\$’ alter ego 4c3.

This relationship quickly soured after 4c3 posted “EA News” the following month, announcing that they had breached EA and were in the process of trying to extract a ransom payment from the company.

In a follow-up post titled “The Biggest EA Data Leak”, Leakbook ridiculed 4c3 for failing to successfully extort EA, instead releasing the data for free. Leakbook made several other posts deriding 4c3/LAPSUS\$’ handling of the situation, including leaking the ransom email allegedly sent to EA. LAPSUS\$ members were dubbed by Leakbook and other RaidForums users as “skids” (short for “script kiddies”), a derogatory term for would-be hackers who lack actual programming expertise, instead relying on pre-written scripts.

THE IDENTITY OF THE HACKERS

These disputes resulted in information on the identity of one of the LAPSUS\$ group hackers being leaked online. In January 2022, a post was made on Doxbin - a site used to release personal information about an individual - claiming that an affiliate of LAPSUS\$ was a 16-year-old boy living in the UK (**Figure 3**). The dox post accused the teenager - alias White - of buying and briefly owning the site Doxbin before selling it back to the original owners and leaking its database. This incident only came to light in March 2022, as the UK police arrested seven teenagers.

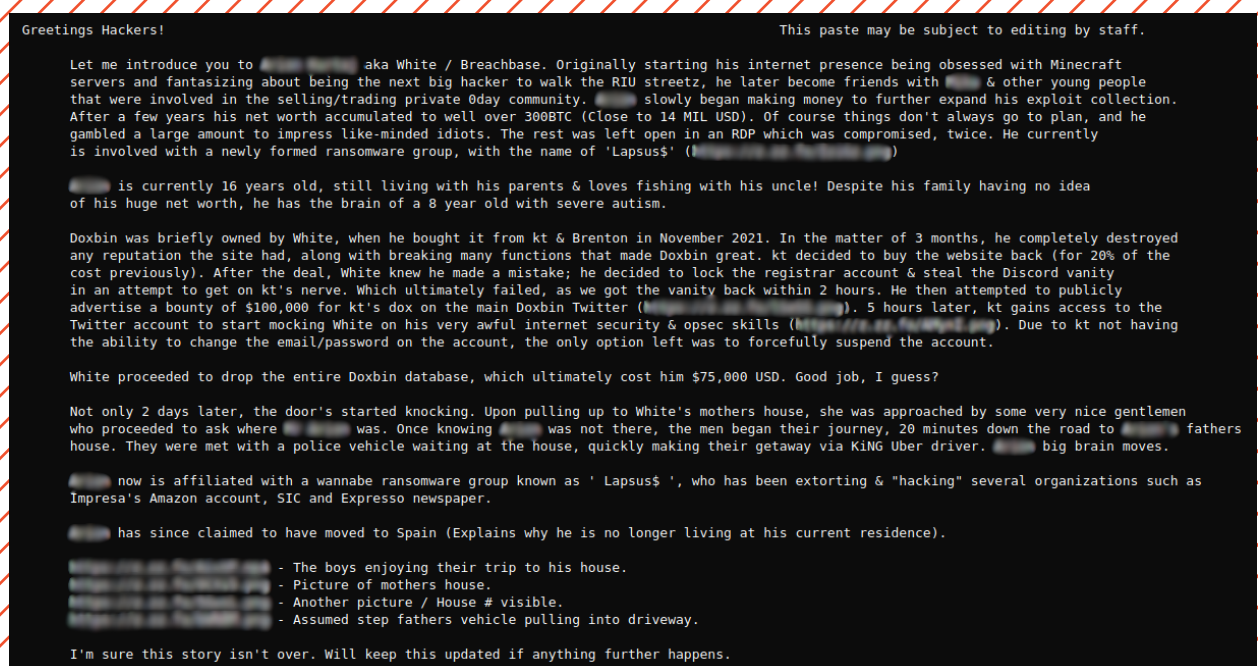


FIGURE 3: A POST IN DOXBIN ON JANUARY 8, 2022 DOXING LAPSUS\$ MEMBER WHITE, A 16 YEAR OLD FROM THE UK.

DARKSIDE

BACKGROUND

DarkSide was a Ransomware-as-a-Service (RaaS) group that amassed tens of victims in the period in which it operated, but is most infamous for being responsible for the Colonial Pipeline attack in May 2021. The group launched initially in August 2020 with its own ransomware venture, using a variant that shared code with REvil. In November 2020 the group began an affiliate program, offering its ransomware to third-party actors in return for a share of the profits. The DarkSide leak site's .onion address closed in May 2021, shortly after the Colonial Pipeline attack, most likely in response to attention from law enforcement.

DarkSide makes an interesting comparison with LAPSUS\$. While the groups share some similarities - they both focused on “big game hunting” and their network intrusion tactics are similar, with DarkSide also reportedly⁵ utilizing VPN access through leaked passwords - their dark web presence is a stark contrast. Once again, dark web intelligence can tell us a lot about how the DarkSide group functioned and organized itself.



WHILE THE LAPSUS\$ AND DARKSIDE GROUPS SHARE SOME SIMILARITIES THEIR DARK WEB PRESENCE IS A STARK CONTRAST.

ITS COMMUNICATIONS STRATEGY

Compared to LAPSUS\$, DarkSide is more in line with traditional threat actors' communication methods, utilizing its own dark web leak site and the Russian hacking forums XSS and Exploit, where it posted under the username darksupp. One indication that DarkSide was a more professional outfit is the “press center” it established to share information with journalists and the organizations impacted by its operations, which it can be seen advertising in **Figure 4**.

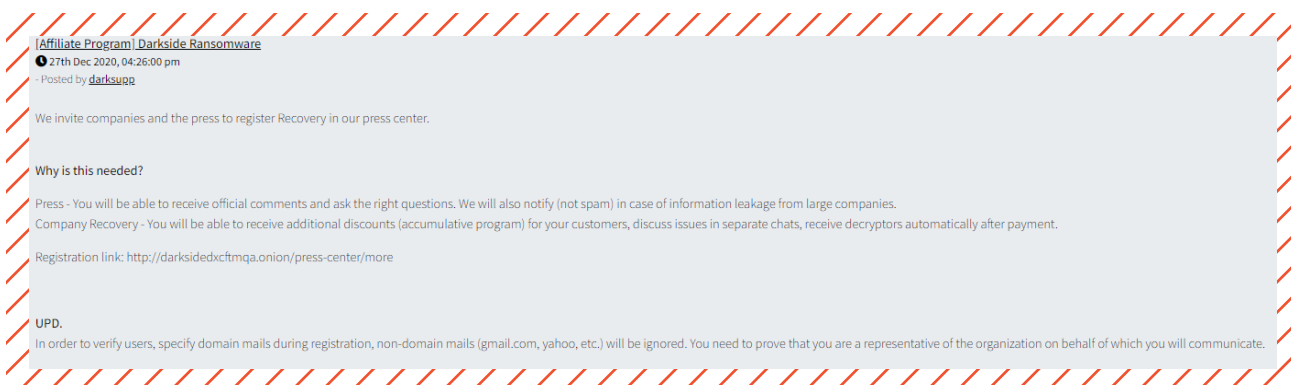


FIGURE 4: DARKSIDE ENCOURAGES COMPANIES AND JOURNALISTS TO REGISTER FOR ITS “PRESS CENTER”.

ITS AFFILIATE PROGRAM

The dark web communication between DarkSide and its affiliates also tells us a lot about the group.

Firstly, DarkSide set out rules for its affiliates, stating that it targets only big companies and forbidding its partners from targeting certain industries, including healthcare, funeral services, education, public sector and non-profits, for “ethical” reasons. Affiliates were also vetted and were unable to target organizations in the Commonwealth of Independent States (CIS) - which includes Russia and many former Soviet Union countries.

Secondly, the posts DarkSide shared for its affiliates once again demonstrate the professionalization of the operation. Take, for example, these posts communicating an update to its product following a decryptor released by Bitdefender that compromised some of the group’s operations.

On January 12, 2021 the darksupp alias provided a thorough overview of the situation to reassure its customers that it is trustworthy (**Figure 5**).



FIGURE 5: DARKSUPP SHARES AN UPDATE WITH AFFILIATES AS BITDEFENDER RELEASES A UTILITY THAT CAN DECRYPT SOME OF ITS WINDOWS LOCKERS.

Four days later, darksupp provided a Q&A on the product updates to answer its affiliates’ questions (**Figure 6**):

This communication is not only more professional than other RaaS groups, it also rivals many enterprises’ customer service support.

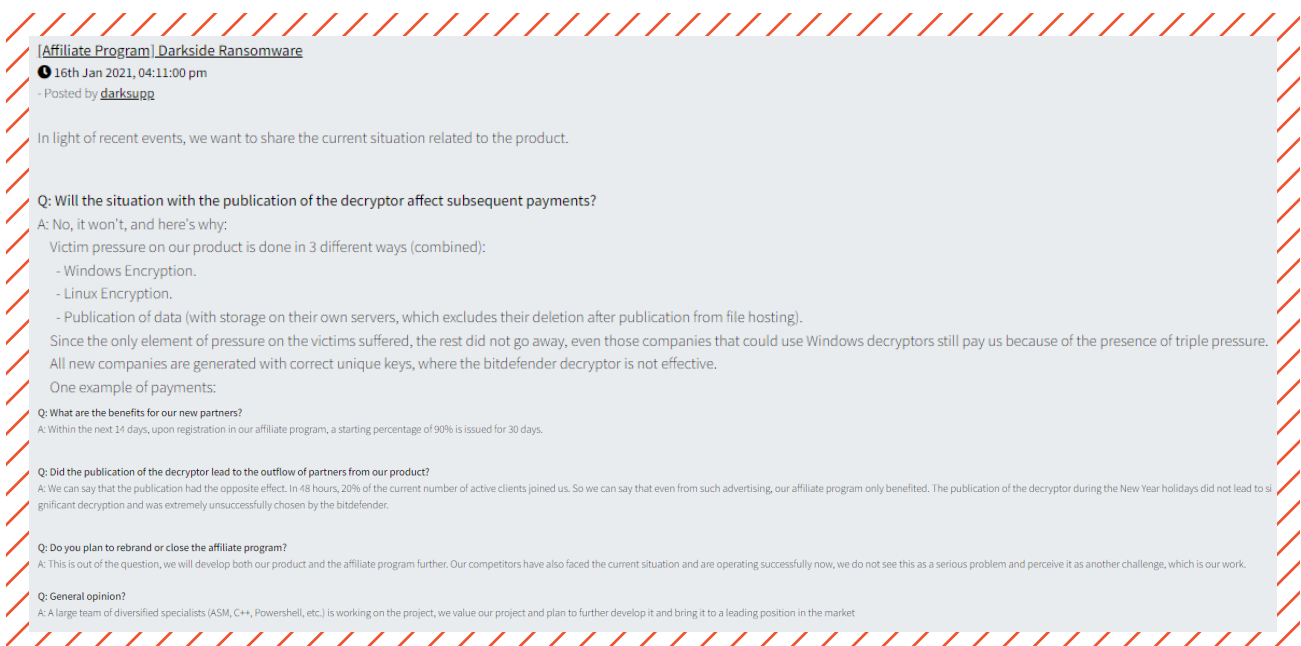


FIGURE 6: A DARKSIDE Q&A TO RESPOND TO CUSTOMER QUESTIONS AND CONCERNS.

ACTIVITY IN THE RUN-UP TO COLONIAL PIPELINE ATTACK

Insights into DarkSide's affiliate communications also show warning signs of increased activity in the months leading up to the Colonial Pipeline attack.

In January 2021, darksupp boasted on hacking forums of having an increased number of partners joining its RaaS affiliate programme. Then, in March 2021 - approximately one month before the initial compromise of Colonial Pipeline - it announced a change to its affiliate program on the forum Exploit, to remove "bureaucracy" by allowing its affiliates to "make calls" without asking the ransomware operators (**Figure 7**).



INSIGHTS INTO DARKSIDE'S AFFILIATE COMMUNICATIONS ALSO SHOW WARNING SIGNS OF INCREASED ACTIVITY IN THE MONTHS LEADING UP TO THE COLONIAL PIPELINE ATTACK.

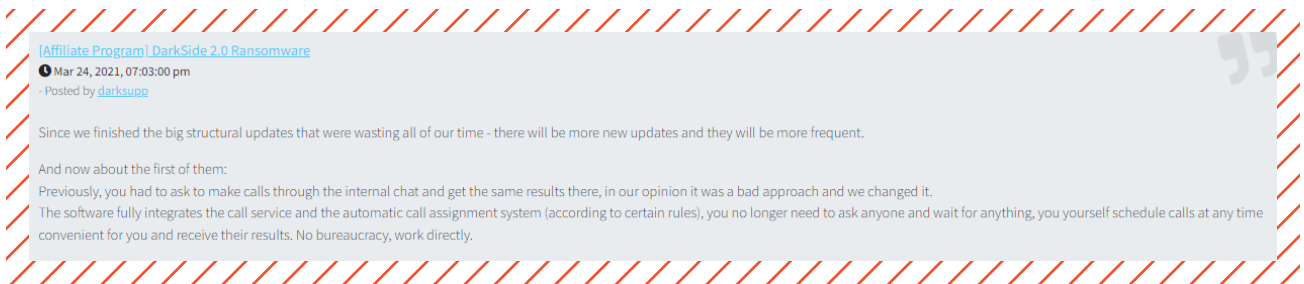


FIGURE 7: DARKSUPP ANNOUNCES A STRUCTURAL UPDATE TO THE AFFILIATE PROGRAM TO REMOVE BUREAUCRACY.

While we don't know the exact meaning of "calls" in this context, it seems implied that this change would allow affiliates more autonomy in their operations. If monitored, this could have signaled the potential for Darkside's affiliates to begin to take bigger risks and select larger targets.

ACTIONING DARK WEB THREAT INTELLIGENCE

The intelligence we can gather on these two groups from the dark web - and what this uncovers about differences between the two - is more than just a point of interest. There are clear instances where the availability of this intelligence at the time could have been used to inform an organization's cyber readiness for attacks.

For example, organizations operating in telecoms, software, gaming, call center, and the server hosting industries should have been on high alert for insider threat as soon as LAPSUS\$ put out its call for recruits within these sectors. Likewise, "big game targets" should have shored up their ransomware preparedness and incident response procedures as DarkSide increased its affiliate numbers while simultaneously relaxing its rules for them.

During the operation of both groups, organizations should have investigated the access to company credentials that was already available on the dark web and in pastebins (T1589: Gather Victim Identity Information)⁶, as this was the access point in a number of their attacks.

Of course, these examples are retrospective. In order for this intelligence to be most effective, monitoring has to be live and continuous. However, even months and years on, this information holds value because - while both LAPSUS\$ and DarkSide have ceased in those monikers - our intelligence shows their membership are very likely carrying on under new aliases. Some LAPSUS\$ threat actors are now thought to be operating under the names IMMORTAL\$ and NWGEN, while it has been claimed by members themselves that DarkSide first morphed into BlackMatter gang, before moving on to develop the BlackCat/Alphv RaaS operation.

“

OUR INTELLIGENCE SHOWS THEIR MEMBERSHIP ARE VERY LIKELY CARRYING ON UNDER NEW ALIASES. SOME LAPSUS\$ THREAT ACTORS ARE NOW THOUGHT TO BE OPERATING UNDER THE NAMES IMMORTAL\$ AND NWGEN, WHILE IT HAS BEEN CLAIMED BY MEMBERS THEMSELVES THAT DARKSIDE FIRST MORPHED INTO BLACKMATTER GANG, BEFORE MOVING ON TO DEVELOP THE BLACKCAT/ALPHV RAAS OPERATION.

DARK WEB INTELLIGENCE FOR THE SUPPLY CHAIN

Adversarial intelligence is key for organizations looking to gain the upper hand on their attackers while they are in the Reconnaissance and Resource Development phases.

These two case studies of LAPSUS\$ and DarkSide - two notable threat clusters from the past few years - demonstrate what we can learn about the TTPs used by each group from dark web intelligence.

As the contrast between the two groups shows, while the impact on the business might be the same, there are substantial differences between how threat groups operate. Therefore, treating all threat actors as a like-for-like threat is a mistake, and dark intelligence is one way organizations can create a more reliable picture of the adversary.

CASE ONE: M.E.DOC

INCIDENT OVERVIEW

In 2017 the NotPetya ransomware variant was distributed through a malicious update in the accounting software M.E.Doc by the Russian-backed hacking group Sandworm. Maersk was one of the highest-profile victims and worst affected.

The Danish shipping company was only saved from complete data loss by one of its Active Directory backups being offline in its powered-down office in Lagos.

IMPACT

Maersk reported⁷ that:



were impacted, with an estimated cost of:

\$300M
To the business.

DARK WEB WARNING SIGNS

- 1 Mentions of vulnerabilities in the M.E.Doc website can be identified on the dark web as early as 2013 - four years prior to the incident (Figure 8).

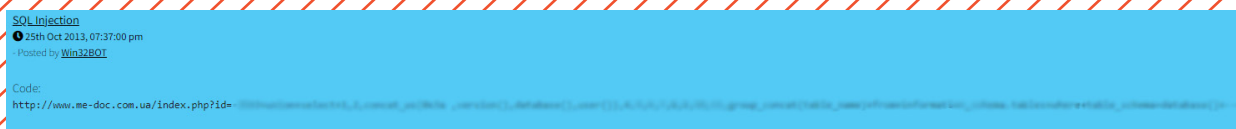


FIGURE 8: WIN32BOT POSTS A SQL INJECTION FOR M.E.DOC IN 2013.

- 2 Spam templates specifically tailored to Maersk can also be found from the same time, demonstrating that the company was on the radar of cybercriminals.
- 3 There were multiple conversations on forums among threat actors that were inspired by the original Petya ransomware and were seeking malware that could achieve similar results by overwriting the Master Boot Record of the infected system (Figure 9).

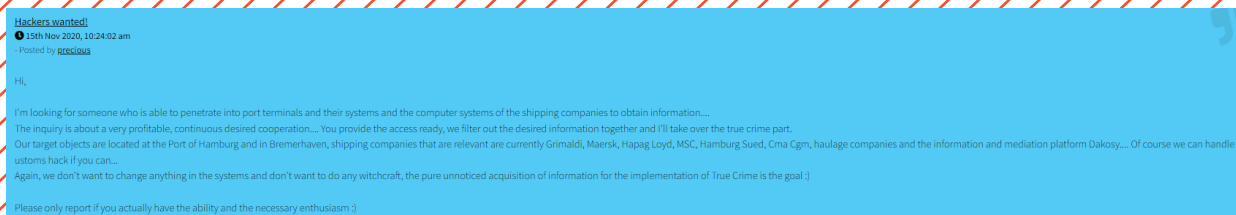


FIGURE 9: ANALYSIS OF DARK WEB ACTIVITY SUGGESTS THAT, IN THE AFTERMATH OF THE 2017 ATTACK, MAERSK CONTINUES TO BE AN ACTIVE TARGET. FOR EXAMPLE, IN 2020 THE FIRM WAS NAMED BY A THREAT ACTOR SEEKING INITIAL ACCESS TO THE COMPUTER SYSTEMS OF PORT TERMINALS AND VARIOUS SHIPPING COMPANIES WITH INTENT TO STEAL INFORMATION.

CASE TWO: KRONOS

INCIDENT OVERVIEW

In 2021 Ultimate Kronos Group was the victim of a ransomware attack on its private cloud platform. This attack impacted the enterprises that used the payroll and workforce management company, including Whole Foods, GameStop, Honda, and many large US healthcare groups such as Ascension.

IMPACT

It has been estimated⁸ that some

8,000,000

people were affected by this attack against one supply chain company. Workers at Tesla, PepsiCo, and from the New York transit system filed lawsuits against the Ultimate Kronos Group.

DARK WEB WARNING SIGNS

- 1 Records on the dark web show that Kronos was on threat actors' radars as far back as the time of the Maersk compromise.
- 2 In 2020, a full year before the attack itself, an apparent Kronos web application exploit that enabled remote privilege escalation was for sale on a dark web market (**Figure 10**).

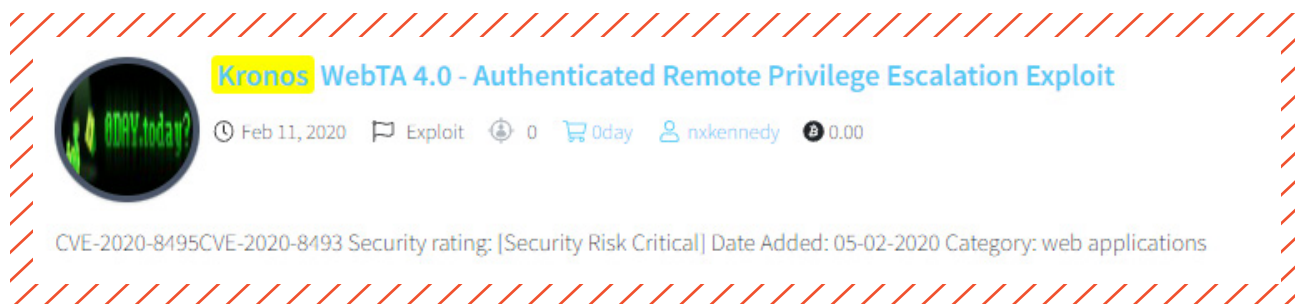


FIGURE 10: KRONOS EXPLOIT LISTED FOR SALE IN FEBRUARY 2020.

- 3 By the end of 2021, a threat actor was posting adverts for exfiltrated Kronos records for sale.

CASE THREE: KASEYA

INCIDENT OVERVIEW

In July 2021 cybercriminals used a zero day vulnerability in Kaseya's Virtual Systems Administrator (VSA) software to bypass authentication, run arbitrary command execution, and deploy ransomware to endpoints. This attack was made worse by the fact that Kaseya is a supplier to managed service providers (MSPs), who each in turn had dozens of customers who were affected.

IMPACT

In total, it is estimated⁹ that more than

1000

COMPANIES

had their endpoints encrypted as a result of the Kaseya vulnerability.

DARK WEB WARNING SIGNS

- 1 Threat actors were discussing the exploitation of Kaseya in dark web forums two years before the attack.
- 2 Those discussions suggested an old vulnerability already existed in a Kaseya plugin and was being actively exploited to deploy Gandcrab ransomware downstream to customers.
- 3 In 2020 there were requests to buy access to IT outsourcing companies, with Kaseya being explicitly named as a route of entry (Figure 11).

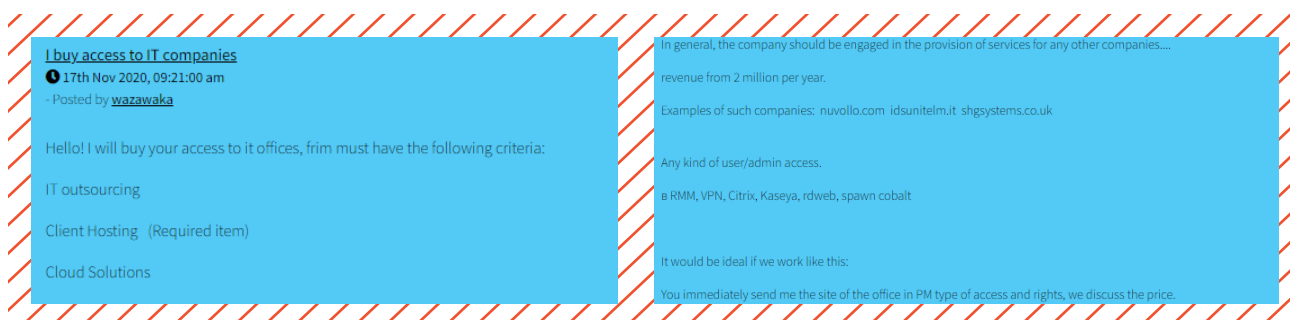


FIGURE 11: WAZAWAKA REQUESTS ACCESS TO IT COMPANIES, SUGGESTING KASEYA AS AN ENTRY POINT.

- 4 Searchlight has identified 21 different Kaseya account credentials that were up for sale in 2020.

EARLY WARNING SIGNS IN THE DARK WEB

In each of these instances, dark web intelligence gives us more than just an indication that supply chain companies are being targeted by threat actors (most probably are). It also tells us the specific vulnerabilities that cybercriminals were trying to exploit with each supply chain company and, for Kronos, when the criminals had succeeded in exfiltrating data.



MONITORING THE DARK WEB FOR THEIR SUPPLIERS IS ONE OF THE BEST WAYS ORGANIZATIONS CAN GET A TRUE SENSE OF THEIR SUPPLY CHAIN RISK.

This is just the tip of the iceberg of what can be gleaned from dark web supply chain intelligence. Monitoring the dark web for their suppliers is one of the best ways organizations can get a true sense of their supply chain risk. Not relying on what their third parties have disclosed or are claiming, but with specific intelligence that enables them to take action and mitigate the risk of attack via a third party.

MAPPING DARK WEB INTELLIGENCE TO THE MITRE ATT&CK FRAMEWORK

Each of these cases demonstrates how dark web intelligence shines a light on criminals while they are in their pre-attack phase. In many cases, this intelligence can be directly mapped onto the PRE Matrix techniques of the MITRE ATT&CK framework. As just three examples:



DARK WEB INTELLIGENCE CAN BE DIRECTLY MAPPED ONTO THE PRE MATRIX TECHNIQUES OF THE MITRE ATT&CK FRAMEWORK.

MITRE ATT&CK TECHNIQUE	TECHNIQUE SUMMARY	ROLE OF DARK WEB INTELLIGENCE
Active Scanning (T1595) ¹⁰	Adversaries execute active reconnaissance scans to gather information that can be used during targeting, probing the victim's infrastructure via network traffic.	Monitoring incoming network traffic from the dark web to your organization provides a clear indicator that cyber criminals are conducting reconnaissance against your network, allowing you to assess when they are going to attack and what their path of entry may be.
Gather Victim Identity Information (T1589) ¹¹	Adversaries gather information about the victim's identity that can be used during targeting. This information may include personal data (employee names, email addresses, etc.) as well as sensitive details such as credentials.	Dark web monitoring can identify usernames, emails, and passwords associated with a company that have been leaked or are being sold on the dark web, in markets or being discussed on forums. Having oversight of this information enables organizations to update passwords and enforce access controls.
Search Closed Sources (T1597) ¹²	Adversaries search and gather information about victims from closed sources that can be used during targeting. Information about victims may be available for purchase from reputable private sources and databases, such as paid subscriptions to feeds of technical/threat intelligence data.	Monitoring dark web markets, forums, paste sites and leaks, will allow an organization to identify leaked attributes associated with the company, as well as conversations regarding the organization. Identification of dark web chatter allows security teams to take additional precautions to protect the network from a potential attack.

UNLOCK PRE-ATTACK INTELLIGENCE FROM THE DARK WEB

WHETHER YOU ARE MAPPING YOUR PRE-ATTACK INTELLIGENCE TO THE MITRE ATT&CK FRAMEWORK OR NOT, SEARCHLIGHT SECURITY CAN HELP YOU INCREASE YOUR VISIBILITY INTO EARLY WARNING SIGNS OF ATTACK ON THE DARK WEB:



UNDERSTAND DARK WEB RISK EXPOSURE

Get an instant health report of your organization's external threat exposure on the dark web and make decisions from Searchlight's intuitive, easy to use interface.



GAIN PRE-ATTACK INTELLIGENCE AND INVESTIGATION CAPABILITIES

Enhance your threat intelligence and threat monitoring capabilities with an unmatched window into activity on dark web forums, marketplaces and conversations, without any risk to your analysts.



IDENTIFY THE EARLY WARNING SIGNS OF ATTACK

Receive automatic alerts for indicators of malicious activity against your business, such as leaked credentials, IP addresses, open ports, and compromised devices.



MONITOR DARK WEB TRAFFIC

Get visibility of both inbound and outbound dark web traffic from your network, where it is coming from and where it is going, so you can identify the signs of an external attack or insider threat.



MITIGATE THIRD PARTY RISK

Remotely monitor the exposure of your third party suppliers and partners on the dark web without the need for an agent on their systems, to prevent supply chain attacks and prove compliance.



INFORM INCIDENT INVESTIGATION AND RESPONSE

Forensically examine the chain of events in the dark web that led to an attack to inform incident mitigation and response.

VISIT WWW.SLCYBER.IO TO FIND OUT MORE OR BOOK A DEMO NOW.



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