

Thread by @BillDemirkapi on Thread Reader App – Thread Reader App

Tr threadreaderapp.com/thread/1508527487655067660.html

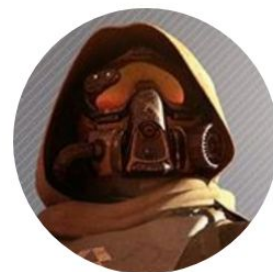
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Thread by Bill Demirkapi (@BillDemirkapi), Mar 28

New documents for the Okta breach: I have obtained copies of the Mandiant report detailing the embarrassing Sitel/SYKES breach timeline and the...



Another scary note is the date in the VM used in the screenshot consistently appears to be January 21st, 2022. If this date is correct, this would suggest @okta failed to publicly acknowledge any breach for at least two months. 

LAPSUS\$ used off-the-shelf tooling from GitHub for the majority of their attacks. After downloading Process Explorer and Process Hacker, LAPSUS\$ bypassed the FireEye

endpoint agent by simply terminating it! 3/N

Intrusion Timeline

Table 1 lists the major dates, associated events, and the applicable attack phase for the intrusion. All timestamps in this report are in Coordinated Universal Time (UTC), unless otherwise noted. For a detailed description of each attack phase, refer to **Appendix A: Targeted Attack Lifecycle**.

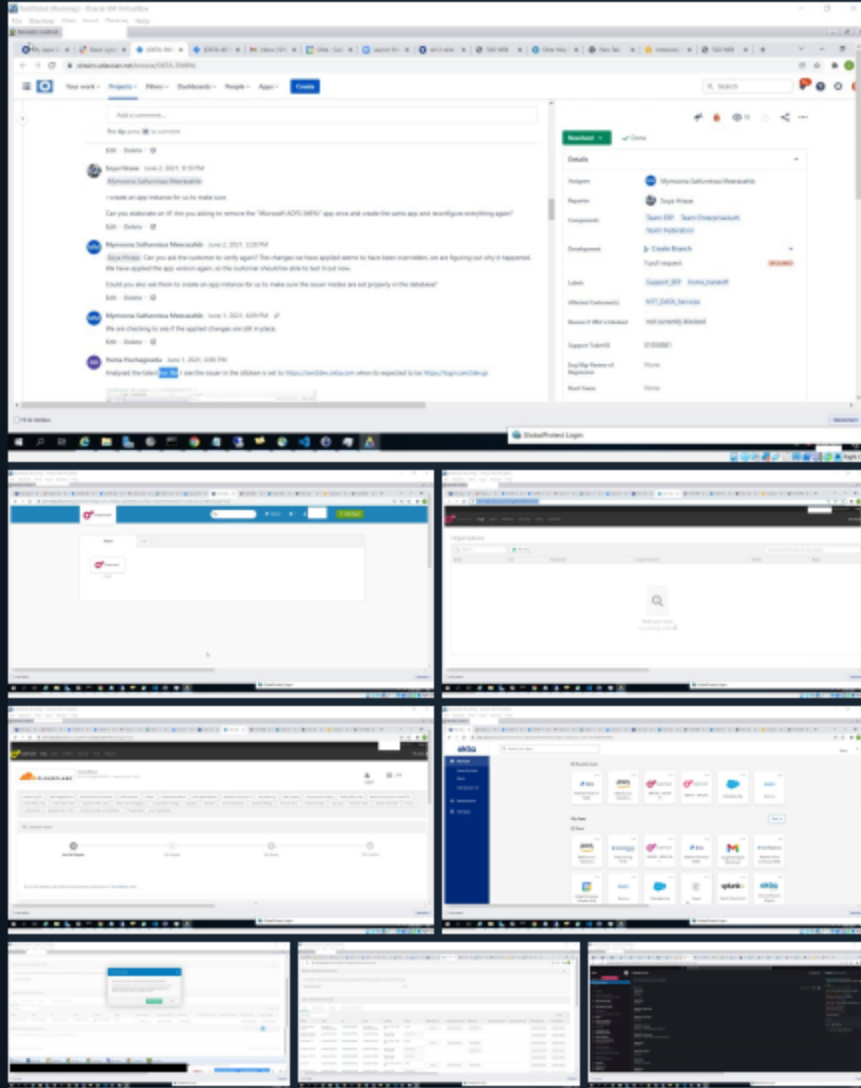
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2022-01-20 18:48:28	Mimikatz downloaded from hxxps://github.com by [ACCOUNT NAME REDACTED]	Escalate Privileges
2022-01-20 18:50:10	Mimikatz executed by [ACCOUNT NAME REDACTED] on [SYSTEM NAME REDACTED]	Escalate Privileges
2022-01-20 18:55:29	C:\Windows\System32\sam.hiv created on [SYSTEM NAME REDACTED]	Escalate Privileges
2022-01-20 18:55:41	C:\sam.hiv created on [SYSTEM NAME REDACTED]	Escalate Privileges

LAPSUS\$ was able to create backdoor users in Sitel's environment after retrieving an Excel document conspicuously titled "DomAdmins-LastPass.xlsx" 🧑. 5/N

2022-01-20 18:56:00	C:\system.hiv created on [SYSTEM NAME REDACTED]	Escalate Privileges
2022-01-20 18:57:17	C:\Users\[ACCOUNT NAME REDACTED]\Documents\mimikatz_trunk\x64\hash.txt	Escalate Privileges
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The LAPSUS\$ ransomware group has claimed to breach Okta sharing the following images from internal systems.

LAPSUSS



Just some photos from our access to Okta.com Superuser/Admin and various other systems.

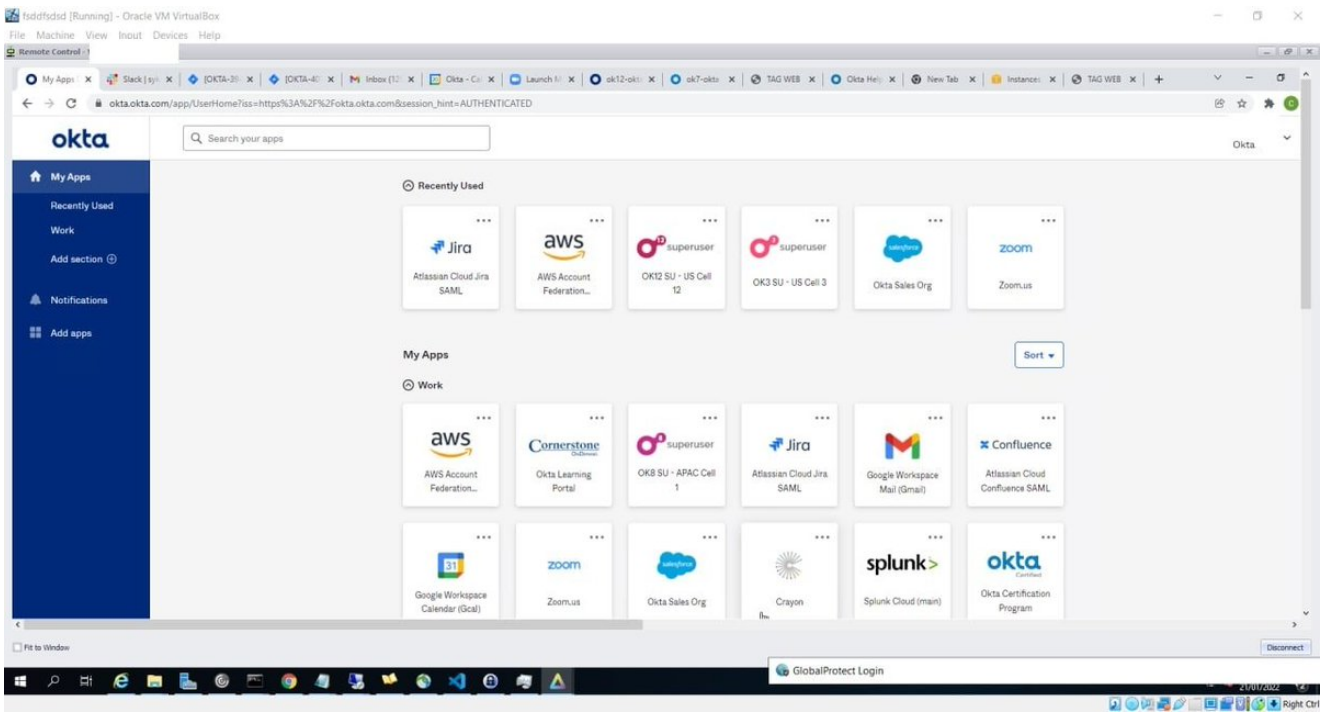
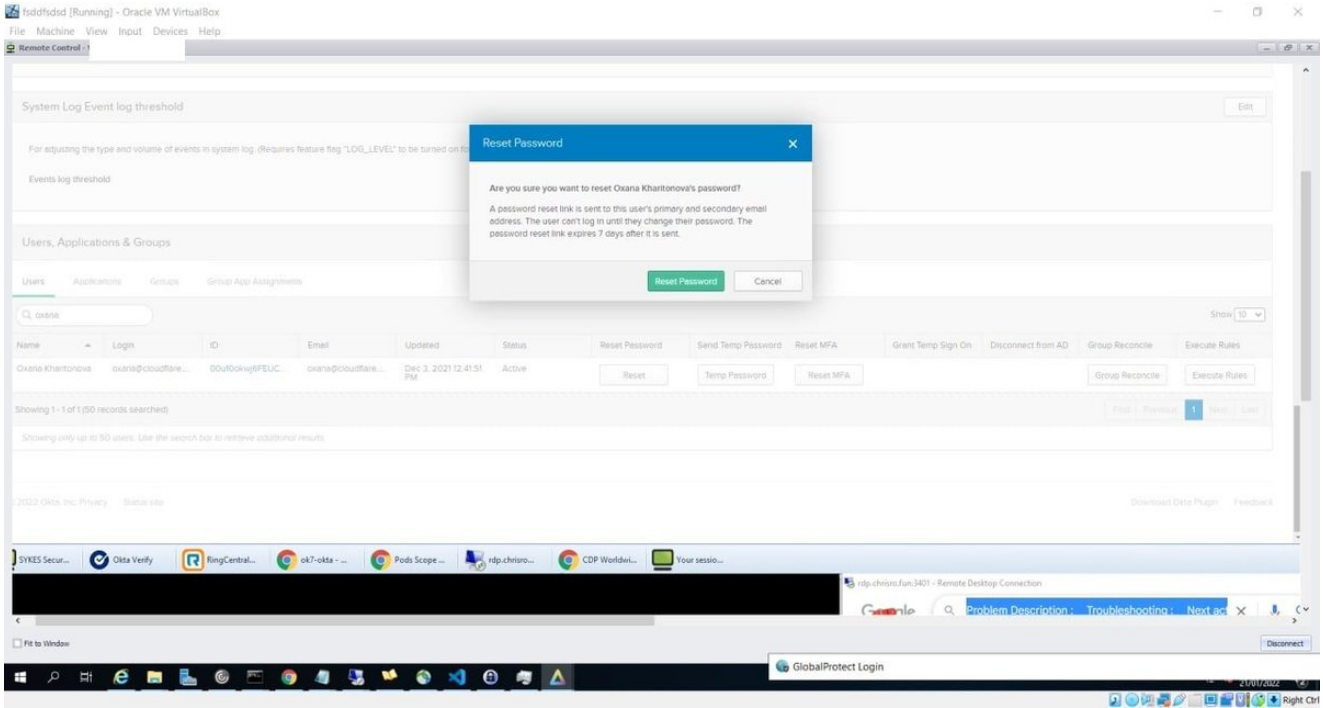
For a service that powers authentication systems to many of the largest corporations, I think these security measures are pretty poor.

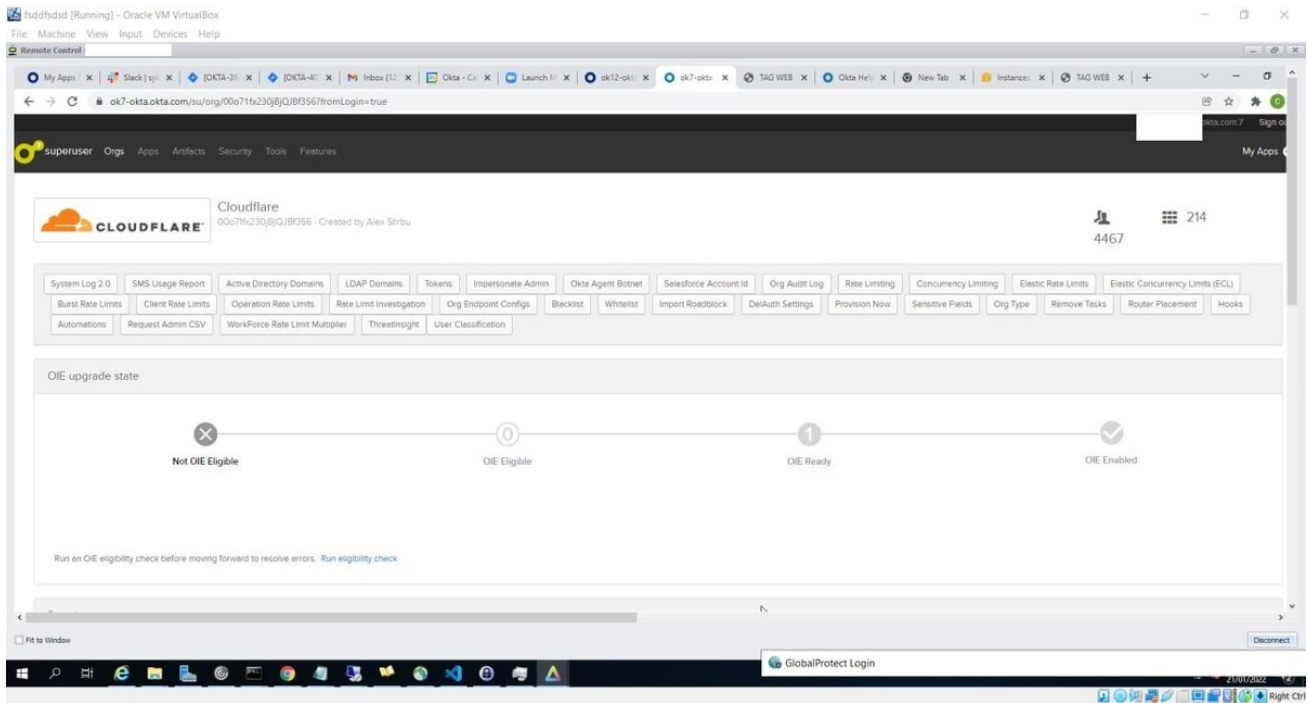
1 11:09 PM



7 comments





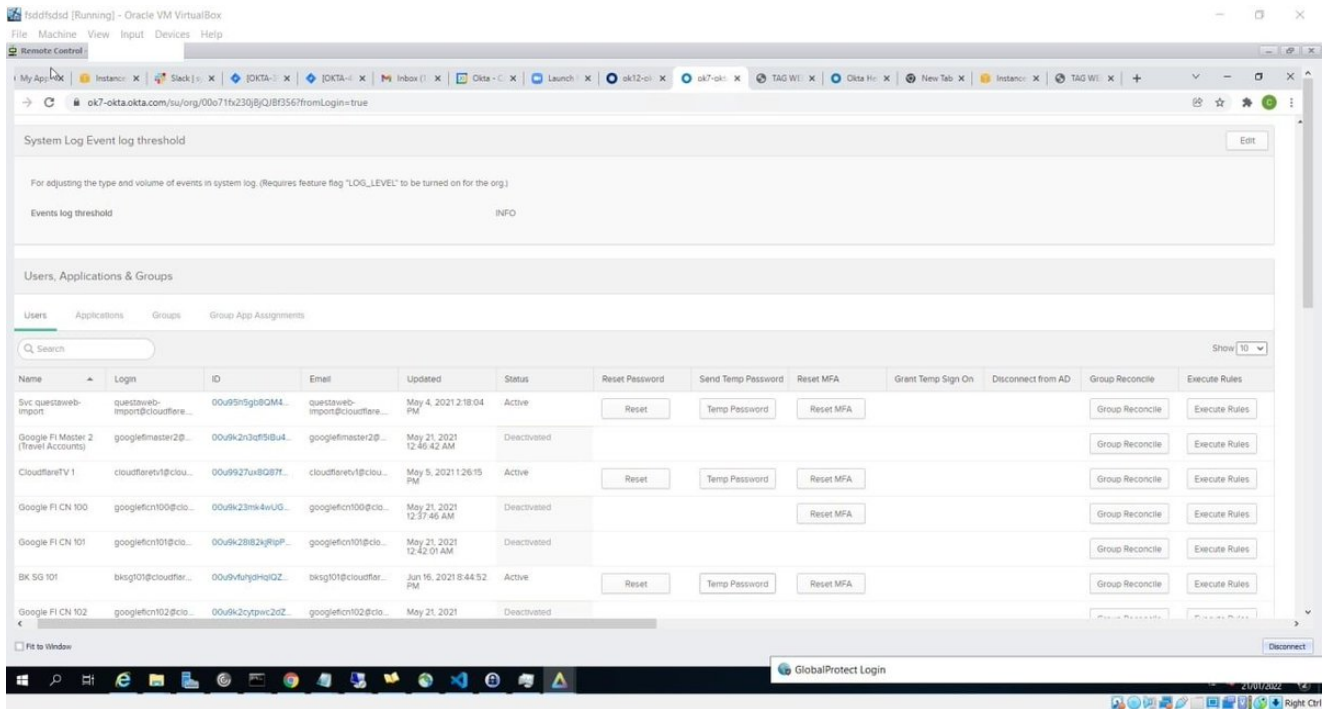
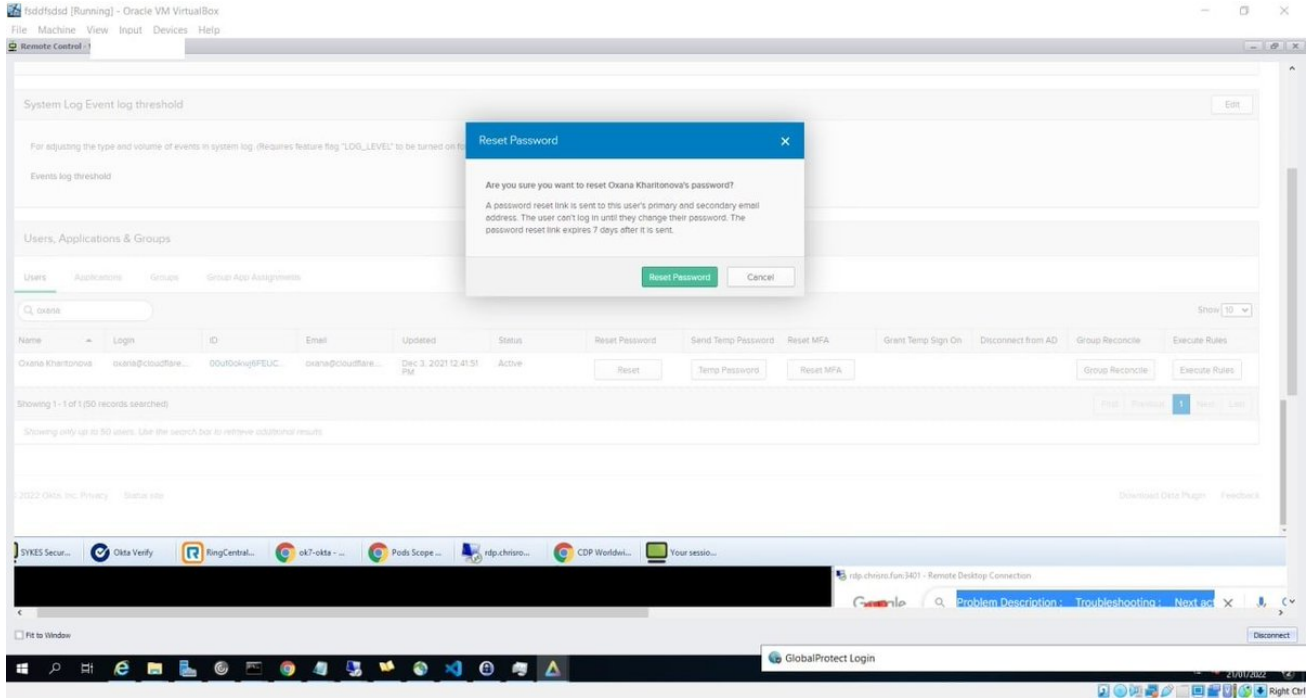


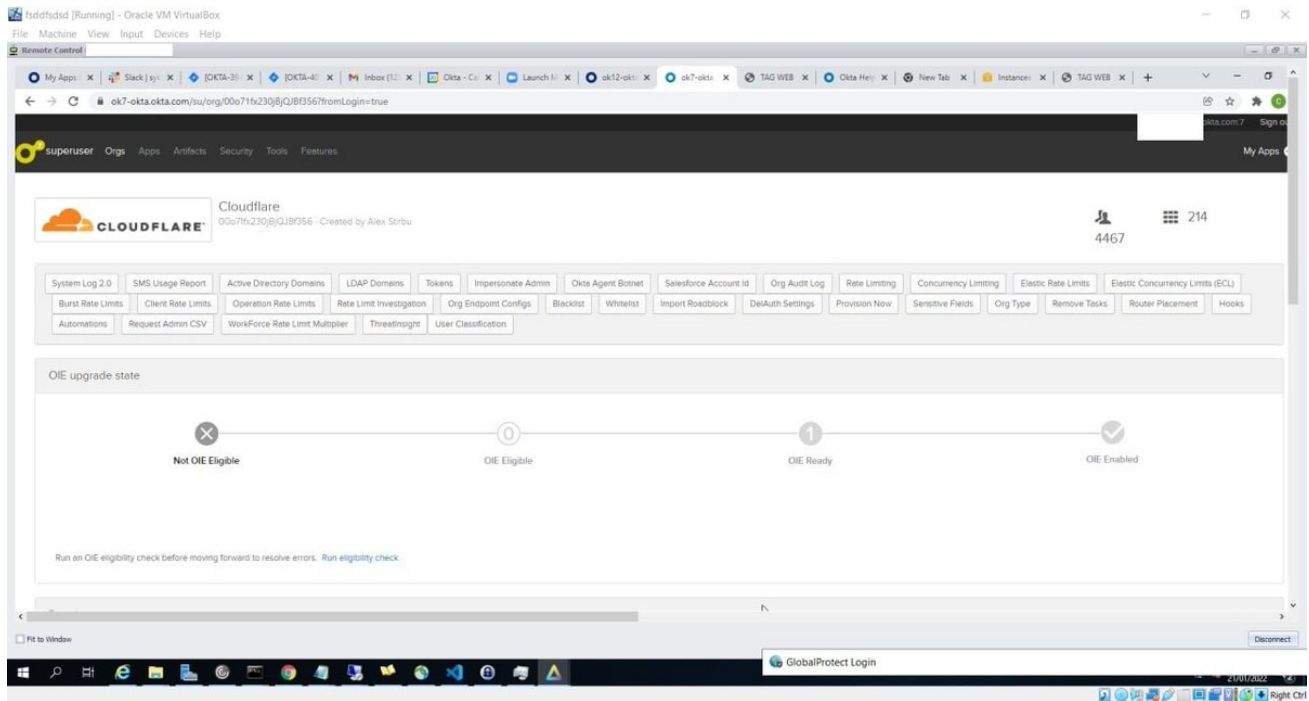
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The screenshots are very worrisome. In the pictures below, LAPSUS\$ appears to have gotten access to the @Cloudflare tenant with the ability to reset employee passwords:





We can see how LAPSUS\$ originally began investigating their compromised host on January 19th, 2022. With little regard for OPSEC, LAPSUS\$ searched for a CVE-2021-34484 bypass on their compromised host and downloaded the pre-built version from GitHub. 2/N

<https://twitter.com/KLINIX5/status/1451558296872173577>

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Rant about how [@Bugcrowd](#) and [@Hacker0x01](#) setup their platforms to let vendors who host private programs abuse researchers. Entirely based on a true story with [@Bugcrowd](#) in my case. This is for my [#bugbounty](#) friends out there. 1/n

LAPSUS\$ finished off their attack by creating a malicious "email transport rule" to forward all mail within Sitel's environment to their own accounts. 6/N docs.microsoft.com/en-

us/exchange...

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1/N

| <https://twitter.com/BillDemirkapi/status/1506107157124722690>

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My questions for Okta: You knew that the machine of one of your customer support members was compromised back in January. Why didn't you investigate it? Having the capability to detect an attack is useless if you aren't willing to respond. 7/N

Even when Okta received the Mandiant report in March explicitly detailing the attack, they continued to ignore the obvious signs that their environment was breached until LAPSUS\$ shined a spotlight on their inaction. 8/N

For the Sitel Group: Why weren't your customers immediately informed upon the first sign of compromise? Why did your customers have to wait two months to even hear that you were breached? 9/N

Sitel Group serves many more customers than Okta. Often times, for support staff to perform their jobs, they need Administrative privileges into their customer's environment. The attack highlights the increased risk of outsourcing access to your org.'s internal environment. 10/N

Good questions to ask include: Who knows how your sub-processors handle their own security? As we saw in this case, Sitel didn't take the security of their environment very seriously. What can an attacker do if one of your sub-processors becomes compromised?
11/N

Anyone hiring? 😊 12/N

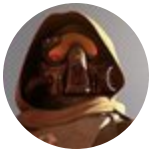
| <https://twitter.com/BillDemirkapi/status/1508820739968880640>

Would like to clarify some misconceptions I've seen. No, this data is not attorney-client privileged. None of what I shared is from my organization and it was obtained entirely independently. I did not break any NDA/contract. 13/N

...

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