

Your Security Rabbits report for March 10, 2022

Hot topics

Nothing today

Source: Ransom Watch

alphv Target: Carpenter & Zuckerman | cz . law(2022-03-08)

snatch Target: Warren Resources(2022-03-08)

snatch Target: Xtera(2022-03-08)

News



Access: 7 - Supply Chain Flaws Impacting IoT and Medical Device

The seven flaws have been dubbed Access:7 and are present in PTC's Axeda agent, which is used for remote access and management of more than 150 connected devices across over 100 vendors



Latest Cybe

Adobe Patches 'Critical' Security Flaws in Illustrator, After Effects

The patches, scheduled as part of Adobe's Patch Tuesday release cycle, address a range of arbitrary code execution and memory leak vulnerabilities that could expose data to malicious hacker attacks



Anonymous hacked Russian cams, websites, announced a clamorous leak

The collective Anonymous has hacked public cameras in Russia and transmitted their live feed on a website, it also announced a clamorous leak. Anonymous and other hacker groups continue to target Russia, in a recent attack the collective has taken over more than 400 Russian cameras in support of Ukraine. The hacktivist shared the live feed [...] The post Anonymous hacked Russian cams websites, announced a clamorous leak appeared first on Security Affairs.



APT41 Spies Broke Into 6 US State Networks via a Livestock App

The China-affiliated state-sponsored threat actor used Log4i and zero-day bugs in the USAHerds animal-tracking software to hack into multiple government networks



Attackers Exploit Flaw in Mitel Systems to Launch Terabyte Scale DDoS Attack

in the Wild
The flaw resides in around 2,600 incorrectly provisioned Mitel MiCollab and MiVoice Business Express systems that act as PBX-to-internet gateways and have a test mode that should not be exposed to the internet.



Biden signs executive order on digital assets, including security measures

The White House says the executive order "the first ever, whole-of-government approach" to cryptocurrencies and other digital assets. The post Biden signs executive order on digital assets, including security measures appeared first on

Latest Cybe

CYWARE SOCIAL

Charity scams target people's generosity amid Russia-Ukraine conflict

To guard against the attacks, SingCert urged the public to practice good cyber hygiene habits like checking links before clicking on them and verifying attachments before downloading them.



Latest Cybe

Chinese Hackers Target U.S. Gmail Users

Google's TAG warned several Gmail users of being targeted in phishing campaigns performed by a Chinese hacking group. The warnings came after Gmail's defenses automatically blocked the emails



Cyware

Latest Cyber

Latest Cybe

CISA updates Conti ransomware alert with nearly 100 domain names

The federal agency notes that while the domains have been used in malicious operations, some of them may be abandoned or may share similar characteristics coincidentally



Critical Bugs Could Let Attackers Remotely Hack, Damage APC Smart-UPS

Three high-impact security vulnerabilities have been disclosed in APC Smart-UPS devices that could be abused by remote adversaries as a physical weapon to access and control them in an unauthorized manner. Collectively dubbed TLStorm, the flaws "allow for complete remote takeover of Smart-UPS devices and the ability to carry out extreme cyber-physical attacks," Ben Seri and Barak Hadad



Latest Cybe

Cybercriminals Use War as a Lure for Malware Propagation

Since March 1, two phishing campaigns have been using the war theme to gain remote access, perform network reconnaissance, pillfer sensitive information, disable security software, and make space for further payloads.



Latest Cyber

DDoS Ransomware Actors Target Website with 2.5 Million Requests Per Second Security researchers discovered DDoS ransomware actors, impersonating REvil,

to extort from targeted companies and also impact their stock prices. A day after the attacks, the attackers sent 15 million requests to the same site with a new message that warned the CEO to tank the company's stock price by hundreds of millions in market cap. Organizations are suggested to invest sufficiently in their network security systems to stay protected.



Guru

DSbD claims UK is on the path to "cyber disaster" Professor John Goodacre, challenge director - Digital Security by Design, UKRI, and Professor of Computer Architectures, The University of Manchester, told attendees at the last leg of the DSbD roadshow in Wales that the UK is on the path to "cyber disaster". He claimed that the current approach of discovering and patching vulnerabilities is growing [...] The post DSbD claims UK is on the path to "cyber disaster" appeared first on IT Security Guru.



Emotet Botnet's Latest Resurgence Spreads to Over 100,000 Computers
The insidious Emotet botnet, which staged a return in November 2021 after a
10-month-long hiatus, is once again exhibiting signs of steady growth, amassing
a swarm of over 100,000 infected hosts for perpetrating its malicious activities.
"While Emotet has not yet attained the same scale it once had, the botnet is
showing a strong resurgence with a total of approximately 130,000 unique bots



Latest Cyber

Excel Add-ins Deliver JSSLoader Malware

First observed in 2019, JSSLoader is used by the GOLD NIAGARA cybercrime group. An Excel add-in extends Excel functionality, typically uses the '.xll' file extension, and functions similar to a DLL.



Google blocked China-linked APT31's attacks targeting U.S. Government Google has blocked a phishing campaign conducted by China-linked group APT31 aimed at Gmail users associated with the U.S. government. Google announced to have blocked a phishing campaign originating conducted by China-linked cybereaspionage group APT31 (aka Zirconium, Judgment Panda, and Red Keres) and aimed at Gmail users associated with the U.S. government. The campaign took [...] The post Google blocked China-linked APT31's attacks targeting U.S. Courange of the proceed first on Sequerity Affairs. targeting U.S. Government appeared first on Security Affairs.



Hackers Abuse Mitel Devices to Amplify DDoS Attacks by 4 Billion Times

Threat actors have been observed abusing a high-impact reflection/amplification method to stage sustained distributed denial-of-service (DDoS) attacks for up to



HP addressed 16 UEFI firmware flaws impacting laptops, desktops, PoS systems Researchers disclosed 16 high-severity flaws in different implementations of Unified Extensible Firmware Interface (UEFI) firmware impacting multiple HP enterprise devices. Researchers from cybersecurity firm Binarly discovered 16

 $14\ hours$ with a record-breaking amplification ratio of 4,294,967,296 to 1. The attack vector - dubbed TP240PhoneHome (CVE-2022-26143) - has been weaponized to launch significant DDoS attacks targeting broadband access ISPs, financial

high-severity vulnerabilities in various implementations of Unified Extensible Firmware Interface (UEFI) firmware impacting multiple HP enterprise devices. An attacker can exploit these vulnerabilities to implant a firmware that survives [...] The post HP addressed 16 UEFI firmware flaws impacting laptops, desktops, PoS systems appeared first on Security Affairs.



Microsoft Patch Tuesday, March 2022 Edition Microsoft on Tuesday released software updates to plug at least 70 security holes in its Windows operating systems and related software. For the second month running, there are no scary zero-day threats looming for Windows users (that we know of), and relatively few "critical" fixes. And yet we know from experience that attackers are already trying to work out how to turn these patches into a roadmap for exploiting the flaws they fix. Here's a look at the security weaknesses Microsoft says are most likely to be targeted first.



Most ServiceNow Instances Misconfigured, Exposed Customers aren't locking down access correctly, leading to \sim 70 percent of ServiceNow implementations tested by AppOmni being vulnerable to malicious



Multiple Russian government websites hacked in a supply chain attack

Threat actors hacked Russian federal agencies' websites in a supply chain attack. Threat actors hacked Russian federal agencies' websites in a supply chain attack involving the compromise of a stats widget. Some Russian federal agencies' websites were compromised in a supply chain attack, threat actors compromised the stats widget used to track the number of visitors by several government agencies. Threat actors were able to deface the [...] The post Multiple Russian government websites hacked in a supply chain attack appeared first on Security Affairs.



New attack bypasses hardware defenses for Spectre flaw in Intel and ARM

News Latest Cybe It is an extension of the 2017 Spectre version 2 attack, also known as Spectre-BTI (Branch Target Injection) and, just like Spectre v2, can result in the leak of sensitive information from the privileged kernel memory space.



New Nokoyawa Ransomware Possibly Related to Hive The relatively unknown Nokoyawa ransomware is likely connected with Hive, as the two families share some striking similarities in their attack chain, from the tools used to the order in which they execute various steps.



Latest Cyber

NVIDIA's Code Signing Certificates Stolen and Abused in Attacks
Lapsus\$, responsible for the recent attack on Nvidia, reportedly released two of
the company's old code-signing certificates, and threat actors have started
abusing it. In some cases, the stolen certificates were used to sign Cobalt Strike
beacons, Mimikatz, backdoors, and remote access trojans. Admins are suggested to configure Windows Defender Application Control policies to control NVIDIA drivers loaded into Windows OS.



News

Ragnar Locker Breached 52 Organizations and Counting, FBI Warns

The FBI issued an alert about the Ragnar Locker ransomware group that has claimed 52 entities as its victims across 10 critical infrastructure sectors in the U.S, so far. The IOCs in the alert has information from Bitcoin addresses where hackers collect the ransom to the email addresses of operators. The FBI also urges security professionals to share any related information, which can help others fend off the attack



REvil member accused of Kaseya ransomware attack arraigned in Texas Yaroslav Vasinskyi faces up to 115 years in jail. The post REvil member accused of Kaseya ransomware attack arraigned in Texas appeared first on CyberScoop.



Russian APTs Furiously Phish Ukraine - Google

Also on the rise: DDoS attacks against Ukrainian sites and phishing activity capitalizing on the conflict, with China's Mustang Panda targeting Europe



SEC weighs reporting requirements for publicly traded companies

The amendments follow a similar proposal the agency released last month aimed at tightening security for investment firms and advisers. The post SEC weighs reporting requirements for publicly traded companies appeared first on CyberScoop.



Securing healthcare: An IT health check on the state of the sector No sector or organization is immune to rapidly escalating cyberthreats, but when it comes to healthcare, the stakes couldn't be higher The post Securing healthcare: An IT health check on the state of the sector appeared first on



Latest Cyber

Siemens Addresses Over 90 Vulnerabilities Affecting Third-Party Components Siemens has released 15 new advisories to inform customers about more than 100 vulnerabilities affecting its products, including over 90 security flaws introduced by the use of third-party components.



The Incident Response Plan - Preparing for a Rainy Day
The unfortunate truth is that while companies are investing more in cyber defenses and taking cybersecurity more seriously than ever, successful breaches and ransomware attacks are on the rise. While a successful breach is not inevitable, it is becoming more likely despite best efforts to prevent it from happening. Just as it wasn't raining when Noah built the ark, companies must face the fact



TLStorm flaws allow to remotely manipulate the power of millions of enterprise

UPS devices

Three flaws in APC Smart-UPS devices, tracked as TLStorm, could be exploited by remote attackers to hack and destroy them. Researchers from IoT security company Armis have discovered three high-impact security flaws, collectively tracked as TLStorm, affecting APC Smart-UPS devices. The flaws can allow remote attackers to manipulate the power of millions of enterprise devices carrying out extreme [...] The post TLStorm flaws allow to remotely manipulate the power of millions of enterprise UPS devices appeared first on Security Affairs.



Ukrainian Hacker Linked to REvil Ransomware Attacks Extradited to United

Yaroslav Vasinskyi, a Ukrainian national, linked to the Russia-based REvil ransomware group has been extradited to the U.S. to face charges for his role in carrying out the file-encrypting malware attacks against several companies, including Kaseya last July. The 22-year-old had been previously arrested in Poland in October 2021, prompting the U.S. Justice Department (DoJ) to file charges of



Up to 30% of WordPress plugin bugs don't get patched A global leader in WordPress security and threat intelligence, Patchstack, recently released a whitepaper highlighting the sorry state of WordPress security in 2021. Reported vulnerabilities grew 150% in 2021 from the previous year. Perhaps most alarmingly, 29% of the critical flaws in WordPress plugins never received an update. WordPress is used in 43.2% of websites [...] The post Up to 30% of WordPress plugin bugs don't get patched appeared first on IT Security Guru.



News News Updated SharkBot Variant Makes its Way into Google Play Store
Researchers exposed cybercriminals distributing the SharkBot banking trojan
via Google Play Store. The malware is using Automatic Transfer Systems (ATS)
to transfer money by abusing the Accessibility permission on devices and grants itself additional required permissions. Smartphone users are requested to be careful with the type of apps they download from various app stores and perform additional checks, if not sure.



US critical infrastructure hit by ransomware

A new FBI report has revealed that at least 52 critical national infrastructure
(CNI) entities have been compromised by a ransomware variant. The FBI has
claimed that organisations across 10 CNI sectors had been impact as of January this year.# Key sectors include manufacturing, financial services, government and IT. A prolific ransomware variant has compromised [...] The post US critical infrastructure hit by ransomware appeared first on IT Security Guru.

Twitter



(CVE-2022-0265): Improper Restriction of XML External Entity Reference in hazelcast/hazelcast. Disclosed by , fixed by @hazelcast... #opensource #CVE #bugbounty #security #vulnerability



CVE-2022-0265 Improper Restriction of XML External Entity Reference in GitHub repository hazelcast/hazelcast prior to 5.1.



Severity: | Existing CommBuffer checks in SmmEntryPo... | CVE-2021-38578 | Link



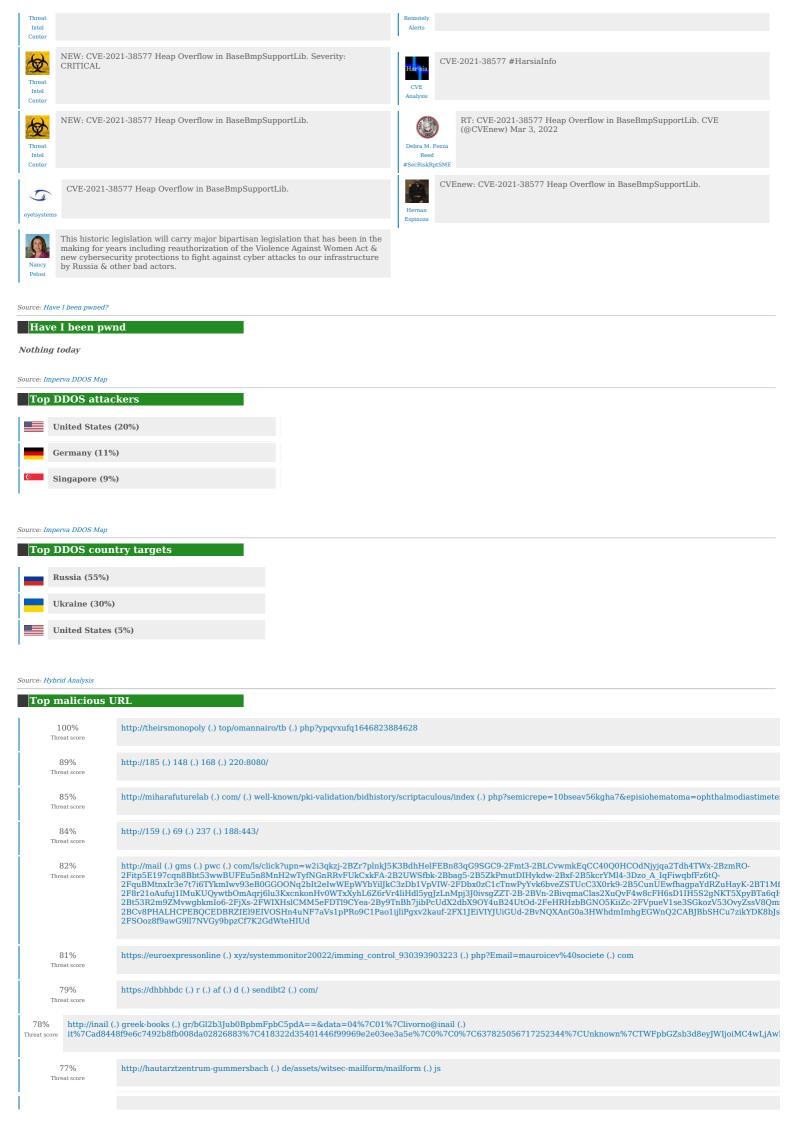
Severity: | Improper Restriction of XML External Ent... | CVE-2022-0265 | Link for



NEW: CVE-2021-38577 Heap Overflow in BaseBmpSupportLib. Severity:



Severity: | Heap Overflow in BaseBmpSupportLib.... | CVE-2021-38577 | Link for



72% http://ao-litija (.) si/ Threat score https://tinyurl (.) su/h861999728/ 72% Threat score 72% http://www (.) mountainhostel (.) com/ Threat score

Source: NIST

NIST CVE: Critical

when computing BufferSize. CRITICAL Vector: network Created: 2022-03-03 Updated: 2022-03-10 CVE-2022-0265 Improper Restriction of XML External Entity Reference in **GitHub** repository hazelcast/hazelcast prior to 5.1 CRITICAL Vector: network Created: 2022-03-03 Updated: 2022-03-10

CVE-2021-38578 Existing CommBuffer checks in SmmEntryPoint will not catch underflow

CVE-2021-38577 Heap Overflow in BaseBmpSupportLib.

CRITICAL Vector: network Created: 2022-03-03 Updated: 2022-03-10

Source: NIST

NIST CVE: High

CVE-2021-26259 A flaw was found in **htmldoc** in v1.9.12. Heap buffer overflow in render_table_row(),in ps-pdf.cxx may lead to arbitrary code execution and denial of service. HIGH Vector: local Created: 2022-03-03 Updated: 2022-03-10 CVE-2021-3623

A flaw was found in **libtpms**. The flaw can be triggered by specially-crafted TPM 2 command packets containing illegal values and may lead to an out-of-bounds access when the volatile state of the TPM 2 is marshalled/written or unmarshalled/read. The highest threat from this vulnerability is to system availability

HIGH Vector: network Created: 2022-03-02 Updated: 2022-03-10

CVE-2021-26948 Null pointer dereference in the **htmldoc** v1.9.11 and before may allow attackers to execute arbitrary code and cause a denial of service via a crafted html file

> HIGH Vector: local Created: 2022-03-03

Source: NIST

NIST CVE: Medium

CVE-2022-23710 A cross-site-scripting (XSS) vulnerability was discovered in the Data Preview Pane (previously known as Index Pattern Preview Pane) which could allow arbitrary JavaScript to be executed in a victim's browser.

MEDIUM Vector: network Created: 2022-03-03 Updated: 2022-03-10

CVE-2022-25138

Axelor Open Suite v5.0 was discovered to contain a stored cross-site scripting (XSS) vulnerability via the Name parameter.

MEDIUM Vector: network Created: 2022-03-03 Updated: 2022-03-10

CVE-2022-25220 PeteReport Version 0.5 allows an authenticated admin user to inject persistent JavaScript code inside the ${\bf markdown}$ descriptions while creating a product, report or finding.

MEDIUM Vector: network Created: 2022-03-03 Updated: 2022-03-10

CVE-2022-24723

URL.js is a Javascript URL mutation library. Before version 1.19.9, whitespace characters are not removed from the beginning of the protocol, so URLs are not parsed properly. This issue has been patched in version 1.19.9. Removing leading whitespace from values before $\,$ passing them to URI.parse can be used as a workaround.

MEDIUM Vector: network Created: 2022-03-03 Updated: 2022-03-10

Source: NIST

NIST CVE: Low

Nothing today

Source: NIST

NIST CVE: Unrated

CVE-2021-38296

Apache Spark supports end-to-end encryption of RPC connections via "spark.authenticate" and "spark.network.crypto.enabled". In versions 3.1.2 and earlier, it uses a **bespoke** mutual authentication protocol that allows for full encryption key recovery. After an initial interactive attack, this would allow someone to decrypt plaintext traffic offline. Note that this does not affect security mechanisms controlled by "spark.authenticate.enableSaslEncryption",

"spark.io.encryption.enabled", "spark.ssl", "spark.ui.strictTransportSecurity". Update to Apache Spark 3.1.3 or

UNRATED Vector: unkown Created: 2022-03-10 Updated: 2022-03-10

CVE-2022-0890

NULL Pointer Dereference in **GitHub** repository mruby/mruby prior to

UNRATED Vector: unkown Created: 2022-03-10 Updated: 2022-03-10

Source: SpamHaus

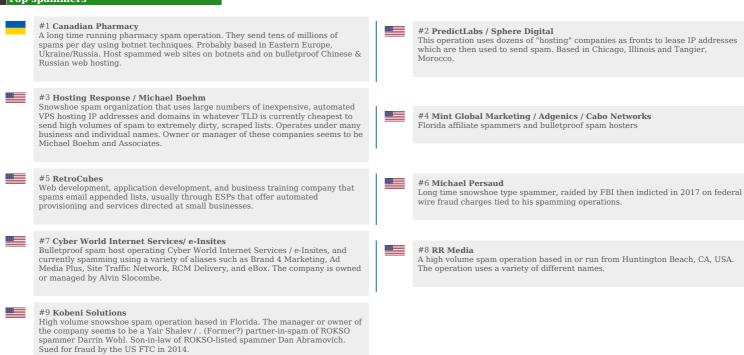
Top spamming countries

#1 United States of America #2 China #3 Russian Federation #4 Mexico



Source: SpamHaus





Source: SpamHaus

Top countries with botnet



Source: SpamHaus

#1 United States #2 Germany #4 Russia #5 Netherlands #6 Singapore #8 Hong Kong #9 France #10 Bulgaria

Source: Hybrid Analysis

Top malicious files

			
100% Threat score	58449491b26acb660888a2387610c28211575007 fed 33d3d979d36ffc3effb24~(.)~exe	100% Threat score	da0e01d3ae7432cf852122b9d5369c75dc5a1a04ec601b2187
100%	DEVOLUCIÃ"N DE PAGO (.) PDF (.) exe	100%	55161ff4f1bc162ddbbead231ebc7a95e522833163f8c5bc3fc

Threat score		Threat score	sample
100% Threat score	$post_MULTI_MIX_HEAVY_413ebd37620cfcb229322a0f3217ae8a6a61163eb73b14a30e3d8d5a68847f1b_0 \\ (.) \ exe$	100% Threat score	d3 fe 483 e 5a 42 de 0b 80 bc 3 da 74 c 83 dd 059 ae 24 babcd fe 52 c 31 fe feature of the fea
100% Threat score	0000000508 (.) pdf (.) exe	100% Threat score	64a3a3ec70d20636299b8fe4f50c2b4d077f9934ee2d6ccf7d4
100% Threat score	30b41335dc285ef66c5609133a26790e4e2d3bbb23e0a4fe11180b04c46e49cd	100% Threat score	Scan_Payment Copy (.) (.) (.) Pdf (.) exe
100% Threat score	4208433292605d930948527220d3791fda7af1d00ab7765853ff098116a75ef5	100% Threat score	454292D8865B5992C2A423DA68C743C501E8EC45B6984B
100% Threat score	a1 (.) ocx	100% Threat score	f65fa71e8ffe11bb6e7c6c84c3d365f4fe729e1e9c38cb4f073d
100% Threat score	8a1cfc683ee4328f2bf3c5966c23b1c2	100% Threat score	ADNOC BOQ'S AND SPECIFICATIONS (.) exe
90% Threat score	midotsvc (.) dll	80% Threat score	CineTrak Your Movie and TV Show Diary v0 (.) 8 (.) 2 Premit {CracksHash} (.) apk
77% Threat score	224NOFEo040009 (.) doc	75% Threat score	Inquiry for Uzbekistan (.) exe
75% Threat score	1ClickSearch (.) exe	75% Threat score	Online Banking Payment Advice (.) pdf (.) exe
75% Threat score	installer (.) exe	75% Threat score	PMSetup_5 (.) 22 (.) 102 (.) msi

Source: Imperva DDOS Map

Top DDOS techniques

83%	DDoS
9%	Automated Threat
8%	OWASP

Source: Imperva DDOS Map

Top DDOS industry targets

60%	Financial Services
31%	Business
2%	Computing & IT

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