



Army Cyber Capabilities and the Changing Threat Landscape

COL BE Rhodes
G6/CIO, 63D Readiness Division





WHOIS: Brad Rhodes

TLDR:

- Deputy Director for Operations, Energy Threat Analysis Center (ETAC)
Office of Cybersecurity, Energy Security, and Emergency Response (CESER), Department of Energy (DOE)

➔ **COL, Cyber (17A), 63rd Readiness Division, G6/CIO**

- Military Cyber Professionals Association, HammerCon Co-Lead
- Speaker, Author, Professor, Coach
- #toomany Pro-Certs, highlights: CISSP-ISSEP, CISM, CDPSE, PMP, CEH, GMON, GCIH, Cloud+, CySA+
- Extra Class Amateur Radio (HAM): KG4COS

Feel free to view/listen/grab my previous presentation/articles here:

<https://github.com/cyberguy514>

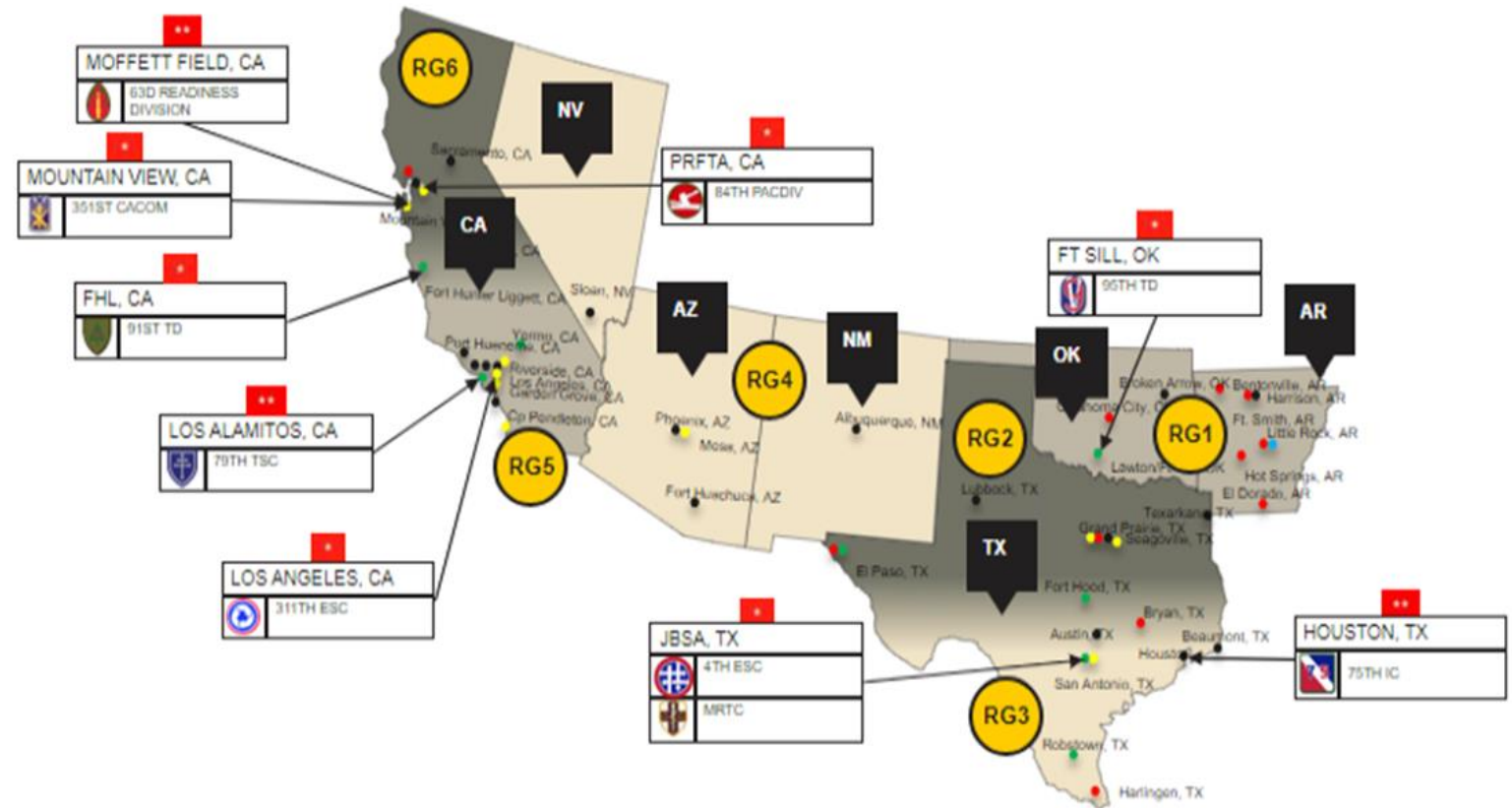




63D Readiness Division



AREA OF RESPONSIBILITY



LEGEND	
	20 - Area Maintenance Support Activities (AMSA)
	9 - Equipment Concentration Site (ECS)
	11 - Branch Maintenance Activity (BMA)
	1 - New Equipment Fielding Facility (NEFF)
	19 - Personnel Personnel Action Centers (RPAC)
	1 - Hands on Training (HOT) & Center of Excellence (COE)

AREA OF RESPONSIBILITY (CA & TX MAKE UP 67% OF ALL SITES IN THE RG W/ 89 SITES)

	TOT. SITES (FACIDs)	REAL ESTATE SQ FT	SUPPORTED UNITS (UICs)	SUPPORTED SOLDIERS	MFGIs	AR GARRISONS
	131	9,502,927	1883	43,774	2	2





Agenda



Part 1 – Army Cyber Capabilities

- Army Doctrine
 - FM 3-12 - CEMA
 - ADP 3-13 – Information
 - FM 3-14 – Space Operations
- Joint Cyber Forces
- Army Cyber Forces
- Army Cyber Activities
- Army Authorities in Cyber Response
- Innovative Readiness Training

Part 2 – The Changing Threat Landscape

- CISA Critical Infrastructure Sectors
- Cyber Threat Families
- Kimsuky and the Scientists
- CL0p Extortion
- Midnight Blizzard
- Volt Typhoon
- Salt Typhoon
- Mis/Dis/Mal-Information
- TikTok and Influence
- Key Current Threat TTPs
- What can you do “Left of Boom?”





Part 1

Army Cyber Capabilities





Army Doctrine – FM 3-12: CEMA

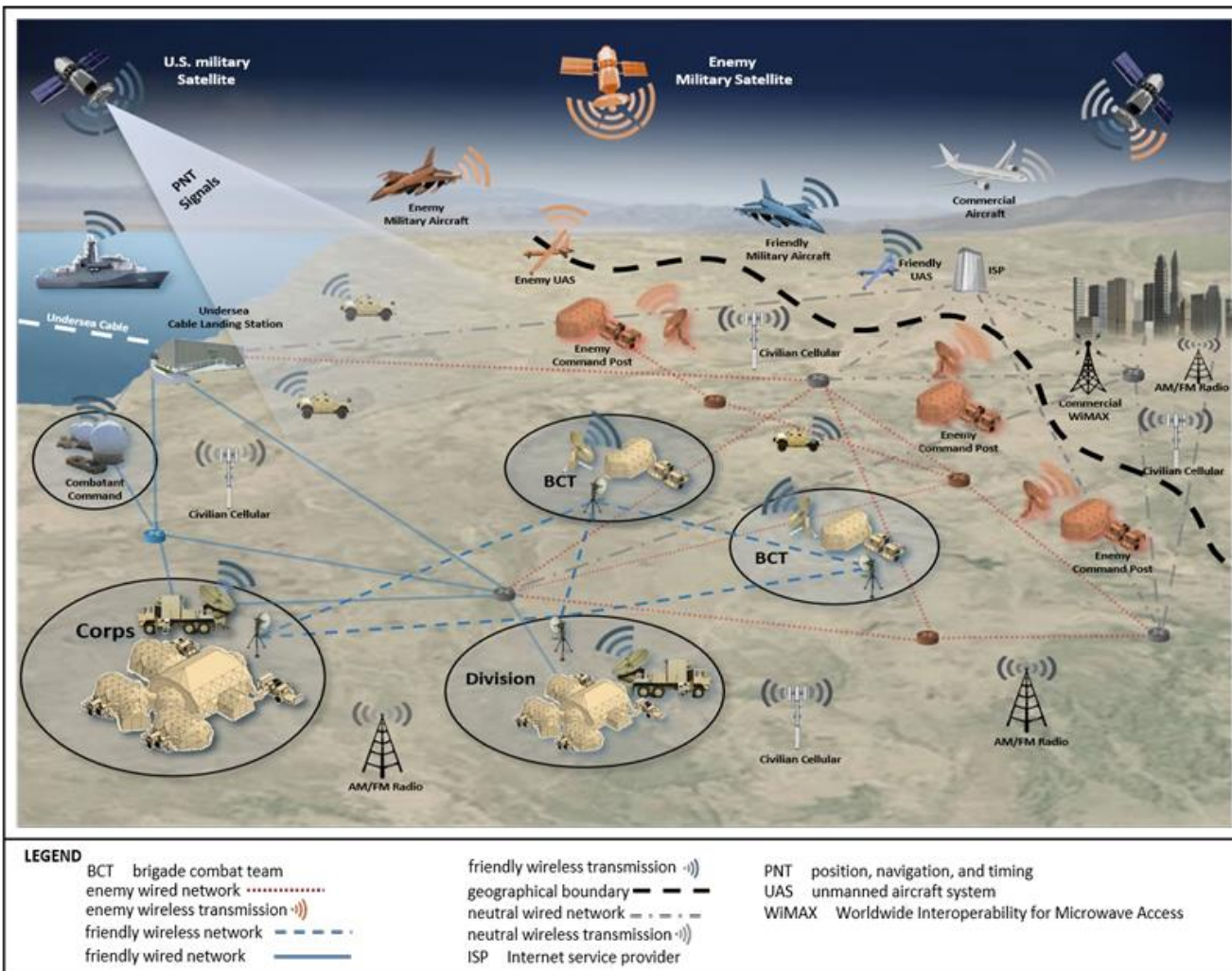


Figure 1-4. Congestion in cyberspace and the electromagnetic spectrum

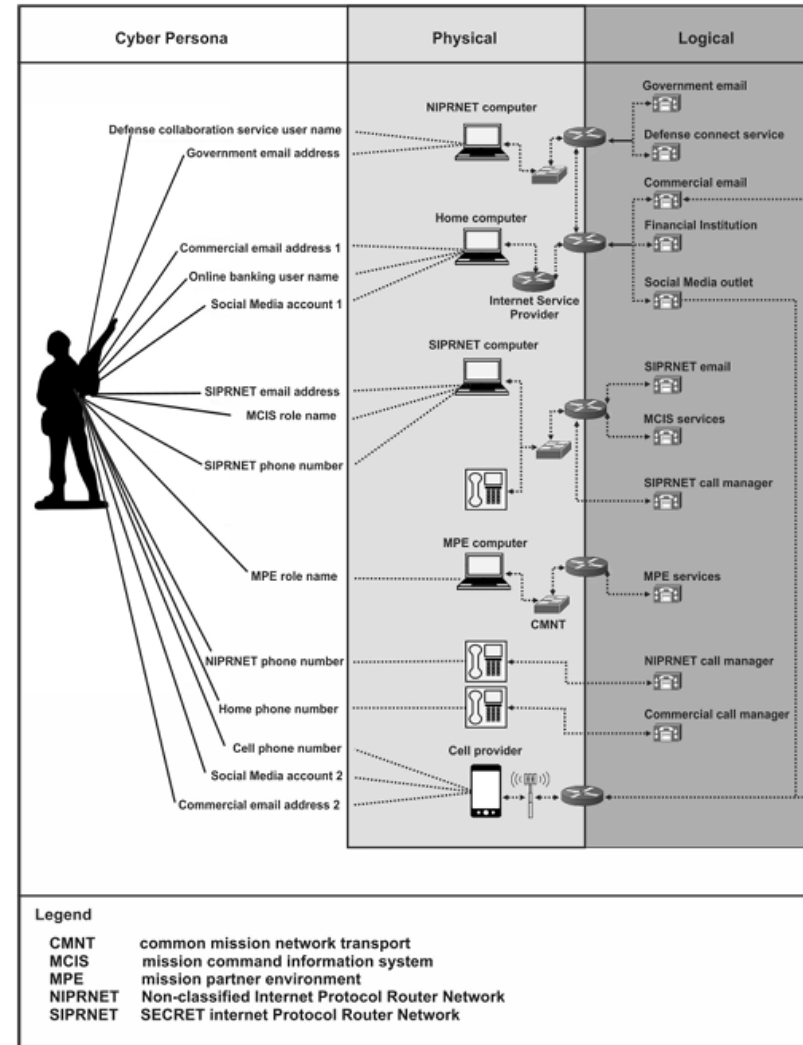


Figure 1-2. Relationship between the cyberspace network layers





THE Information Environment

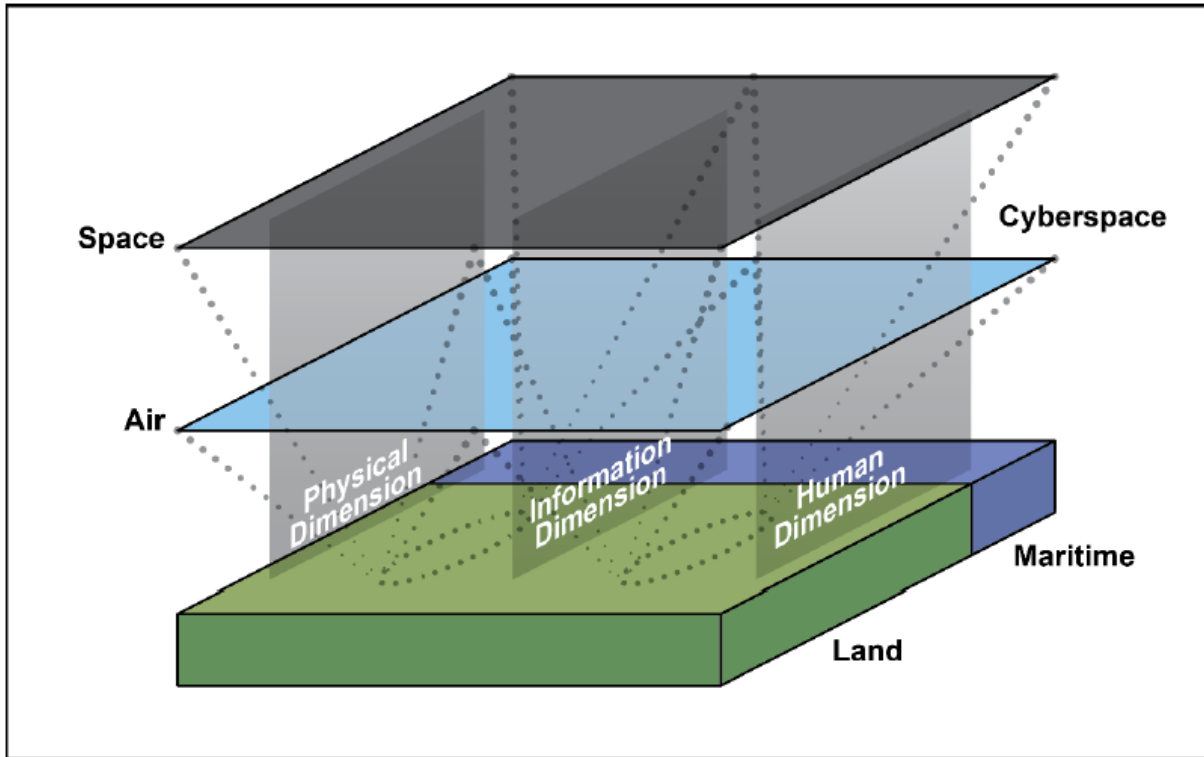
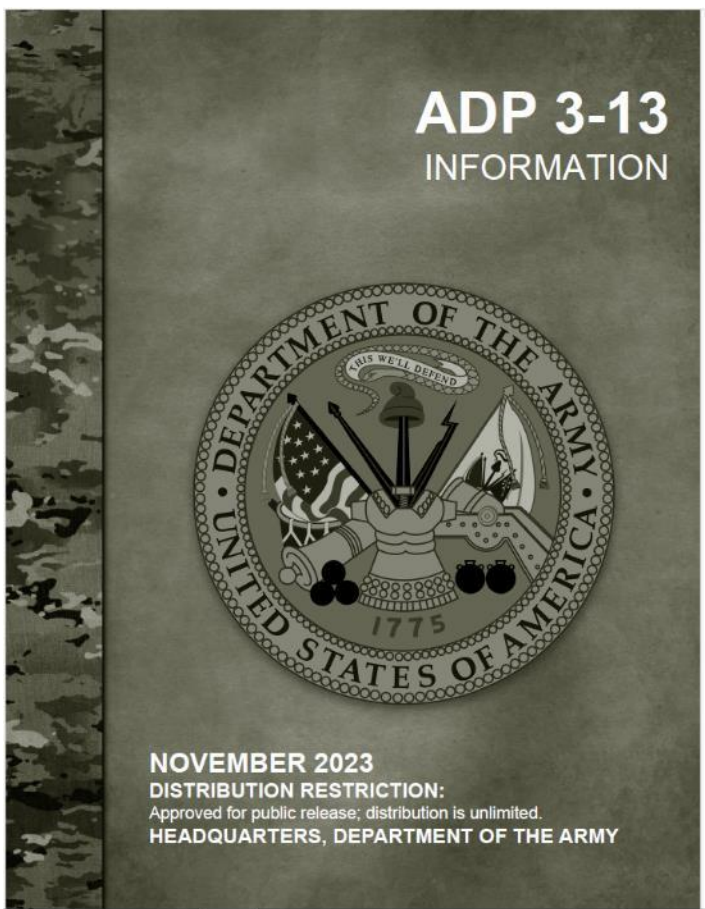


Figure 1-3. Domains and dimensions of an operational environment





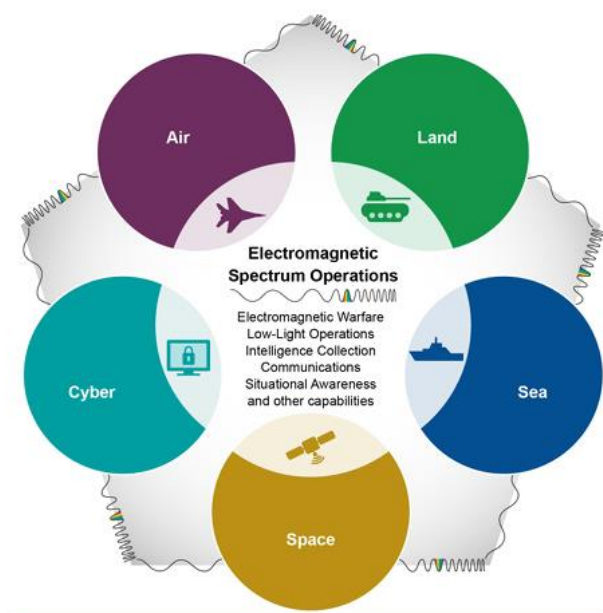
Army Doctrine – FM 3-14: Space Operations



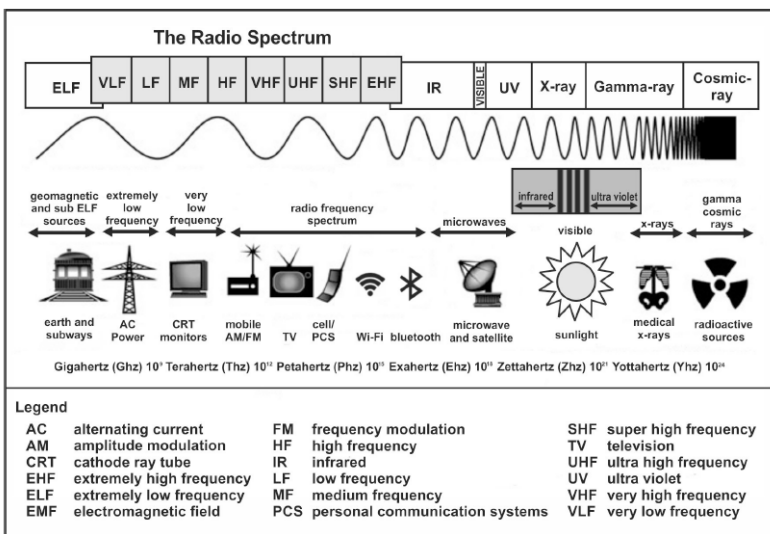
- - - - - Transmission control
 ——— Direct downlink
 <—> Line of sight communications
))))))) Payload control & Assured access

COMSAT – communications satellite
 CSAR – combat search and rescue
 DSCS – Defense Satellite Communications System
 GBS RS – Global Broadcast System receive suite
 GPS – Global Positioning System
 ISR – intelligence, surveillance, reconnaissance
 JTAGS – joint tactical ground station
 MEO – medium Earth orbit
 NOS – National Reconnaissance Office (NRO) overhead system
 SMART-T – secure, mobile, anti-jam, reliable, tactical terminal
 TOC – tactical operations center
 WSOC – wideband satellite communications operations center

CPN – command post node
 DKET – deployable Ku band Earth terminal
 FFT – friendly force tracking
 GEO – geosynchronous Earth orbit
 GRRIP – global rapid response information package
 JNN – joint network node
 LEO – low Earth orbit
 MILSAT – military communications satellite
 SBIRS – space-based infrared system
 STT – satellite transportable terminal
 WGS – Wideband Global Satellite Communications



The joint force depends on the electromagnetic spectrum for operations in all domains.



FM 3-14

ARMY SPACE OPERATIONS

OCTOBER 2019
 DISTRIBUTION RESTRICTION:
 Approved for public release; distribution is unlimited.
 This publication supersedes FM 3-14, dated 19 August 2014.
 HEADQUARTERS, DEPARTMENT OF THE ARMY

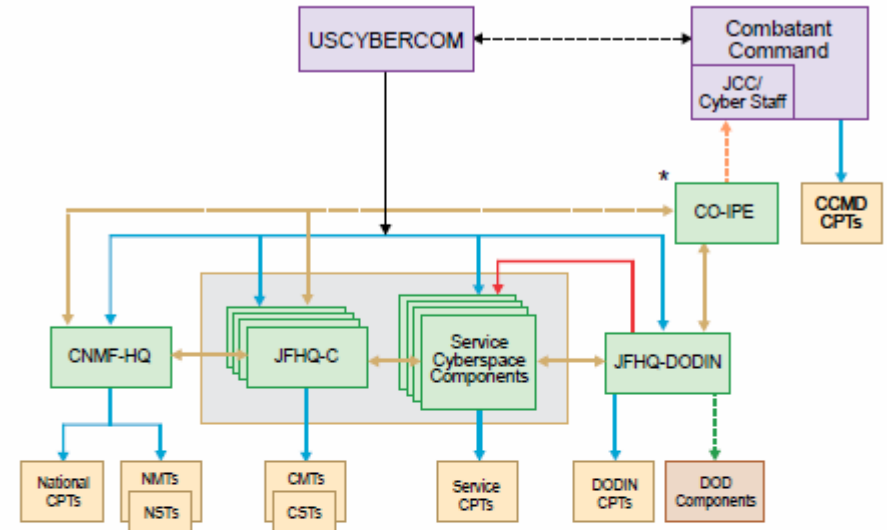




Joint Cyber Forces



Routine Cyberspace Command and Control



* CO-IPE is provided by USCYBERCOM in direct support of combatant commander. Organizational relationships between CO-IPEs and USCYBERCOM subordinate headquarters will be specified via USCYBERCOM orders.

Legend

CCMD	combatant command	JFHQ-C	joint force headquarters-cyberspace
CMT	combat mission team	JFHQ-DODIN	Joint Force Headquarters-Department of Defense Information Network
CNMF-HQ	Cyber National Mission Force Headquarters	NMT	national mission team
COCOM	combatant command (command authority)	NST	national support team
CO-IPE	cyberspace operations-integrated planning element	OPCON	operational control
CPT	cyberspace protection team	TACON	tactical control
CST	combat support team	USCYBERCOM	United States Cyber Command
DACO	directive authority for cyberspace operations		
DOD	Department of Defense		
DODIN	Department of Defense information network		
JCC	Joint Cyber Center		

	COCOM
	OPCON
	TACON
	DACO
	supporting/supported
	direct support
	coordination

Figure IV-1. Routine Cyberspace Command and Control





Army Cyber Forces



U.S. ARMY CYBER COMMAND

Operate



Defend



G

R

Attack



Influence & Inform



R

G

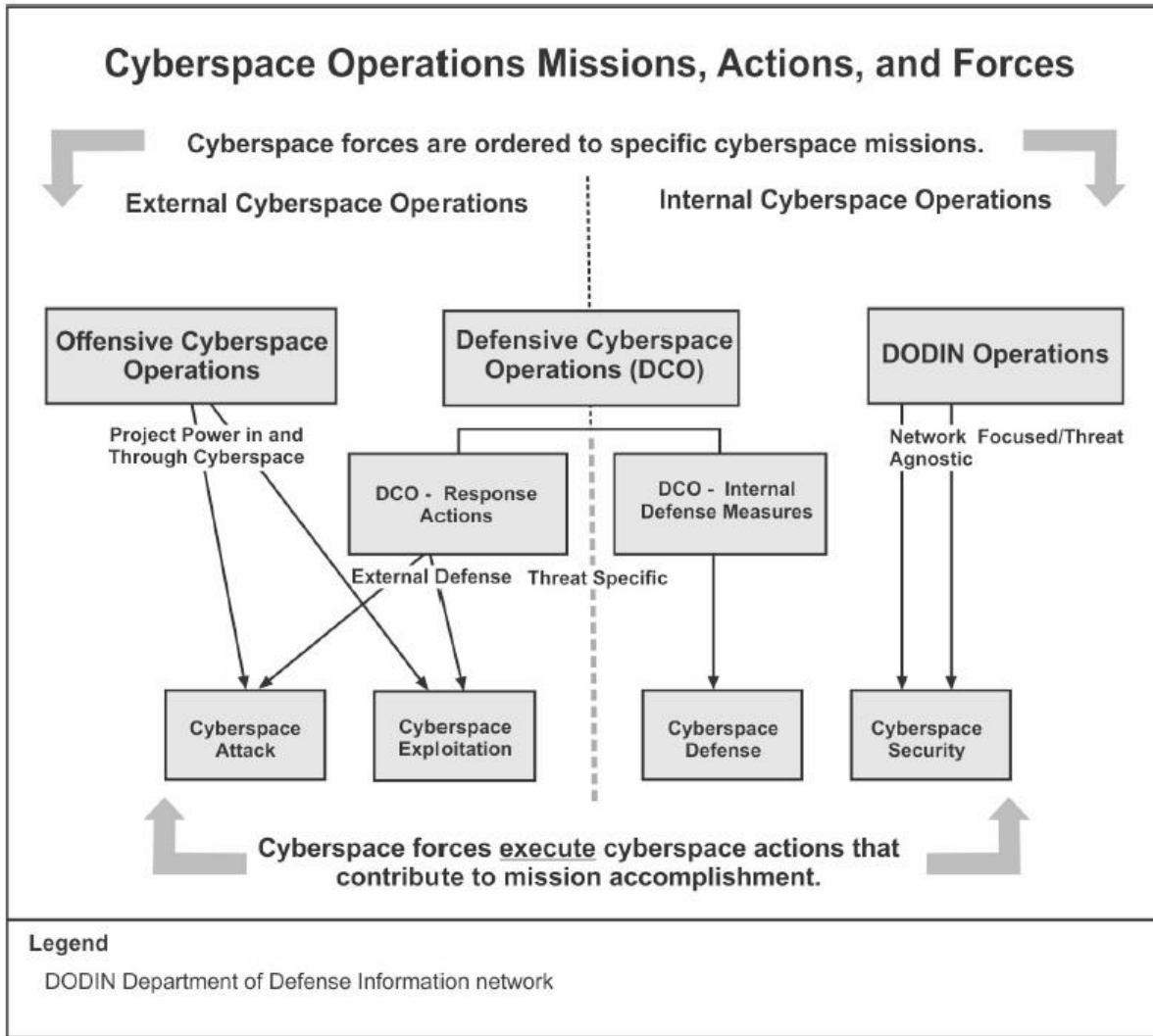
G

<https://www.arcyber.army.mil/Organization/Units/>





Army Authorities in Cyber Response



State Active Duty (NG-only)

Title 32 (NG-only)

Title 10 (Reserve)

Title 10 (Active)

Immediate Response Authority (72 hrs)





IRT Concept and Value

JOINT MILITARY SERVICES



AMERICAN COMMUNITY



REQUIREMENTS
MATCH



Readiness Partnerships Innovation



Photo courtesy of IRT

IRT Mission: New Mexico Cybershield

Summer 2023 | Albuquerque, Mescalero,
Acoma, New Mexico



Photo courtesy of IRT

HIGHLIGHTS

Lead Service:
Air Force Reserve

Supporting Services:
Marine Corps Reserve
Air National Guard

Community Partner:
Central New Mexico
Community College

Over \$400,000 in estimated
no-cost cybersecurity
support delivered.

56 service members trained.

Senior Master Cassie Sergeant Beauchene



"There is no other military cyber training opportunity that allows the breadth and depth of training potential outside of IRT. Joint total force members practice readiness

skills and gain real-world experience in unique cyber terrains, providing cybersecurity to U.S. communities while supporting national defense interests."

From 10 to 21 July 2023, the Air Force Reserve Command led the largest IRT cybersecurity mission to date, partnering with Central New Mexico Community College, Luna Community College, and Indian Pueblo Cultural Center for the New Mexico Cybershield mission. Supported by the Marine Corps Reserve and Air National Guard, the mission delivered no-cost cybersecurity training to tribal, community, and military students. Service members worked to improve the capabilities and security posture of central New Mexico, state government, national labs, utilities, and tribal communities. Over 11 days, IRT delivered 80 cybersecurity training hours and a curriculum including "Intro to Cybersecurity," "Attack Vectors," and "Threat Hunting." Service members, industry experts, and civilian organizers conducted over 200 network penetration tests and compiled tailored, in-depth network threat and vulnerability assessment tasks. The mission validated and identified gaps in policies, plans, and procedures and raised cyber threat awareness to the community while service members gained valuable real world cybersecurity training.





Part 2

The Changing Threat Landscape



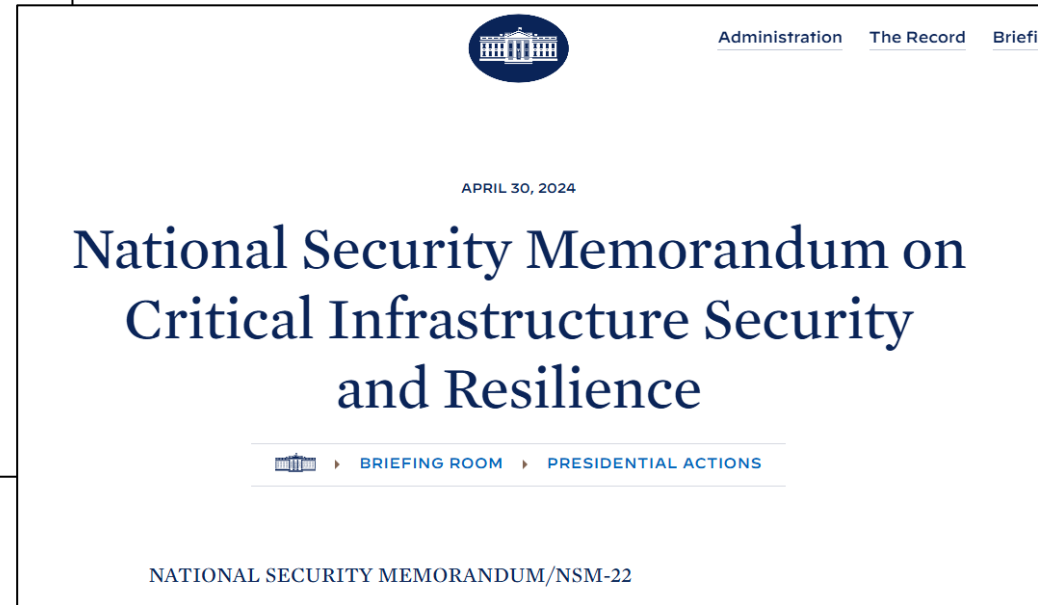


CISA Critical Infrastructure Sectors



16 Critical Infrastructure Sectors & Corresponding Sector Risk Management Agencies

CHEMICAL	CISA	FINANCIAL	Treasury
COMMERCIAL FACILITIES	CISA	FOOD & AGRICULTURE	USDA & HHS
COMMUNICATIONS	CISA	GOVERNMENT FACILITIES	GSA & FPS
CRITICAL MANUFACTURING	CISA	HEALTHCARE & PUBLIC HEALTH	HHS
DAMS	CISA	INFORMATION TECHNOLOGY	CISA
DEFENSE INDUSTRIAL BASE	DOD	NUCLEAR REACTORS, MATERIALS AND WASTE	CISA
EMERGENCY SERVICES	CISA	TRANSPORTATIONS SYSTEMS	TSA & USCG
ENERGY	DOE	WATER	EPA



<https://www.whitehouse.gov/briefing-room/presidential-actions/2024/04/30/national-security-memorandum-on-critical-infrastructure-security-and-resilience/>



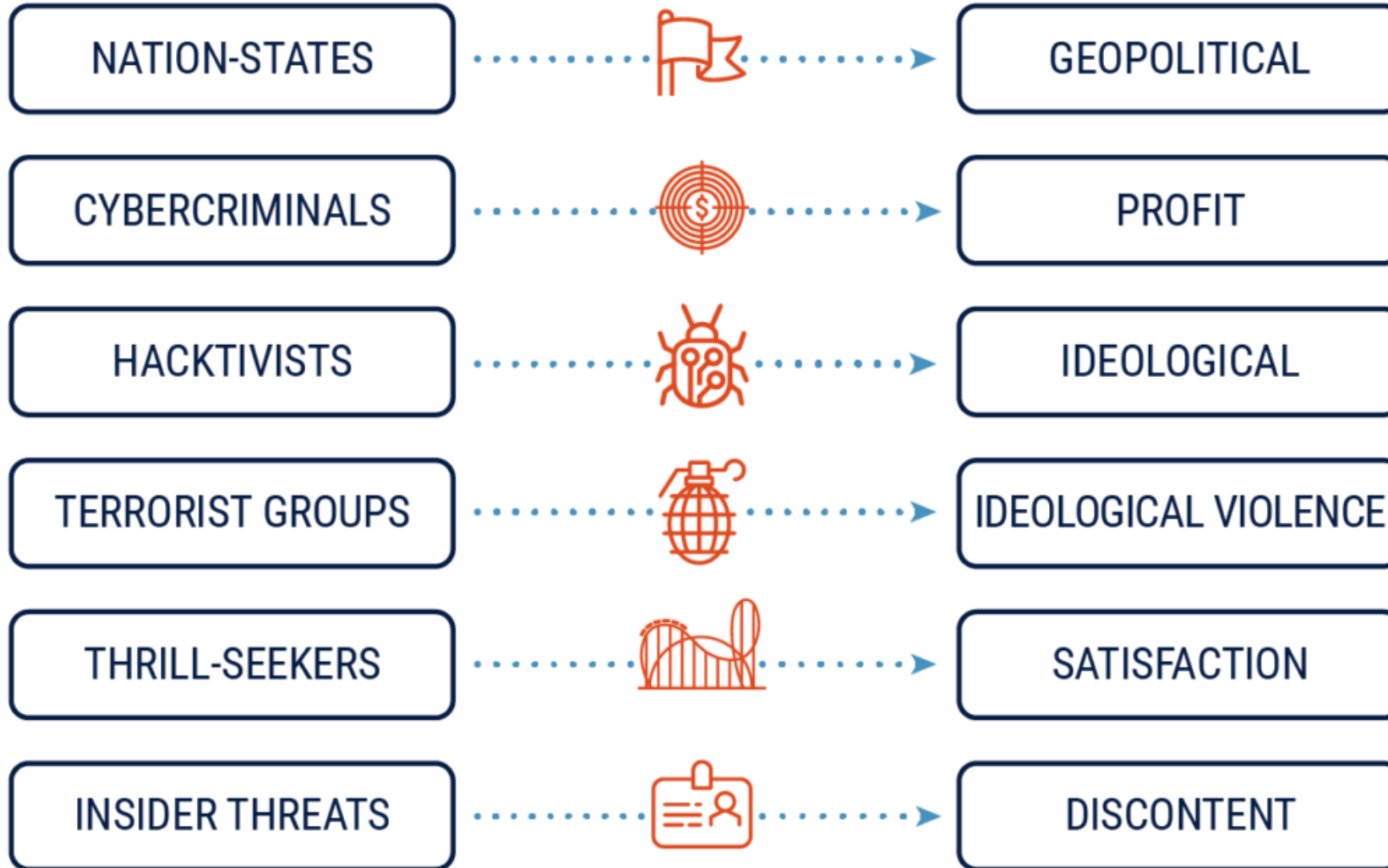


Cyber Threat Families



CYBER THREAT ACTOR

MOTIVATION





Kimsuky and THE Scientists



tion] US Policy Toward North Korea Conference



Dear <name of target expert>,

I hope you and your family are enjoying a lovely holiday and a restful season.

It is my privilege to invite you to provide a keynote address for an private workshop, hosted by the <name of legitimate think tank> to discuss the US policy toward North Korea. Given developments in North Korea since the collapse of US-DPRK and inter-Korean negotiations in 2019, as well as the changing strategic environment in East Asia, the traditional US approach to North Korea is u begin crafting a

We understand that lunch (12:30 accommodation available to join

Please let me know and logistics right

All the best,

<name of legiti

Subject: [<name of legitimate news media outlet>] Questions about N. Korea

Dear <name of target expert>,

I hope this email finds you well. This is <name of legitimate journalist> from <name of legitimate news media outlet>. I'm writing to request that you consider granting us a brief interview.

North Korea is accelerating its sprint towards nuclear armament. After the breakdown of the 2019 Trump-Kim Hanoi Summit, Pyongyang has focused on intensifying North Korean nuclear and missile capabilities while rebuffing calls from the international community to resume denuclearization talks. North Korea has not only attempted to agitate the U.S. by drastically escalating its development of strategic nuclear weapons such as intercontinental ballistic missiles (ICBMs), but also wielded threats against the Republic of Korea and Northeast Asia in the form of tactical nuclear weapons development. Furthermore, in September 2022, North Korean leadership announced a new "law on state policy on nuclear weapons," thereby lowering its threshold for nuclear weapons employment. Among countries that possess or aim to possess nuclear weapons, North Korea is alone in openly expressing that the use of such weapons lie in national defense and deterrence, but in belligerent employment against any specific country. On this basis, North Korea has continued to openly pressure the Republic of Korea and the international community, and pose a real and present threat to security in the Korean Peninsula and across Northeast Asia.

In connection with this, I would like to get your opinions about some questions. If interested, please respond to this email at your earliest convenience.

Then, I will send you the questions soon. Thanks for your consideration and time.

Best regards,

<name of legitimate journalist>

P.S. One thing: my <name of legitimate news media outlet> account will be blocked temporarily soon. So, I will receive the emails on my **personal account** (<spoofed account of compromised journalist>) for a while. Sorry for troubling you and hope you understand. Thanks in advance.



U.S. DEPARTMENT of STATE

Newsroom Business Employees Job Seekers Students Travelers Visas



POLICY ISSUES COUNTRIES & AREAS BUREAUS & OFFICES ABOUT

Home > Office of the Spokesperson > Press Releases > U.S. Government Cybersecurity Alert: Democratic People's Republic of Korea (DPRK) Using New Tactic in Social Engineering Operations

U.S. Government Cybersecurity Alert: Democratic People's Republic of Korea (DPRK) Using New Tactic in Social Engineering Operations

MEDIA NOTE

OFFICE OF THE SPOKESPERSON

MAY 2, 2024

Missing DMARC policies or DMARC policies with "p=none" indicate that the receiving email server should **take no security action on emails that fail DMARC checks** and allow the emails to be sent through to the recipient's inbox. In order for organizations to make their policy stricter and signal to email servers to consider unauthenticated emails as spam, the authoring agencies recommend




CLOp Extortion (1 of 2)



CLOP is a ransomware variant associated with the FIN11 threat actor group and the double extortion tactic, it has previously been used to target several U.S. HPH organizations. Researchers have also identified the CLOP operators combining the “spray and pray” approach to compromising targets with a more targeted approach, suggesting that the operators have some discretion when selecting victims.



Country of Origin: Russia 

A Ransomware group that has been active since 2019 and currently brings up its name by exploiting zero-day

Target Countries: The US, Canada, The UK, Australia, Colombia, Sweden, Germany, India, Mexico, Turkey

Target Sectors: IT, Healthcare, Finance, Professional Services, Retail, Media, Telecommunication

Attack Type: Spearphishing, Zero-Day Exploitation, Compromised RDP, Ransomware, Data exfiltration, Double-extortion

-TTPs-

Exploit Public-Facing Application: T1190

Exploitation for Privilege

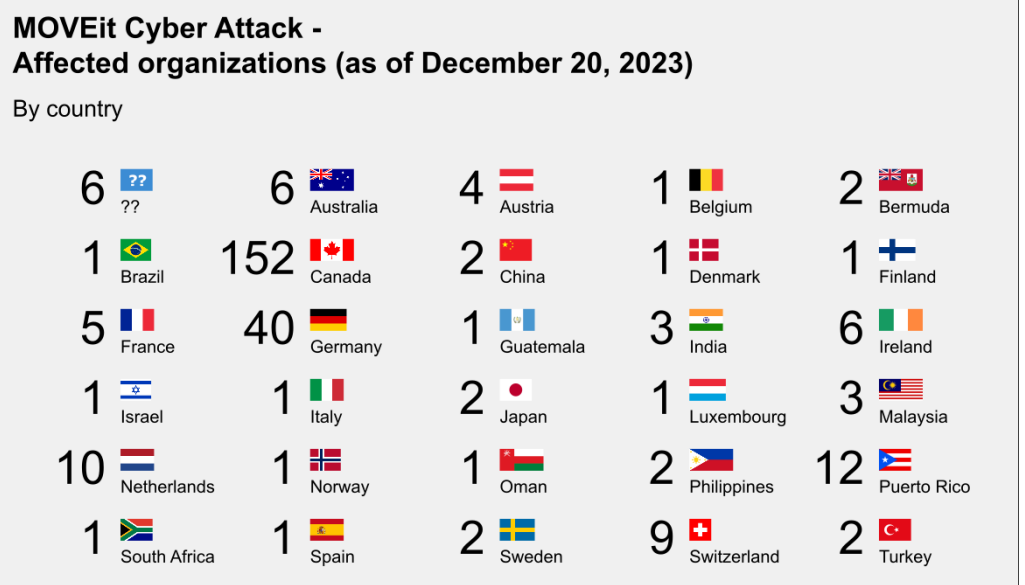




CLOp Extortion (2 of 2)



MITRE ATT&CK Tactic	MITRE ATT&CK Technique	Description
Initial Access	Exploit Public Facing Application (T1190)	Exploited a SQL injection vulnerability in the managed file transfer solution
Persistence	Server Software Component: Web Shell (T1505.003)	Deployed a web shell named LEMURLOOT
Persistence	Create Account (T1136)	LEMURLOOT can create users in Azure
Privilege Escalation	Exploitation for Privilege Access (T1068)	Authenticated as a high-privilege user
Defense Evasion	Masquerading: Match Legitimate Name or Location (T1036.005)	Components mirror legitimate MOVEit Transfer components. For example, LEMURLOOT uses legitimate file transfer protocols.
Discovery	Cloud Storage Object Discovery (T1619)	LEMURLOOT discovered cloud storage objects
Command and Control	Application Layer Protocol: Web Protocols (T1071.001)	The attacker used web protocols for command and control
Exfiltration	Exfiltration over C2 Channel (T1041)	Exfiltrated data over the C2 channel
Impact	Account Access Removal (T1531)	LEMURLOOT removed account access



DEAR COMPANIES.

CLOP IS ONE OF TOP ORGANIZATION OFFER PENETRATION TESTING SERVICE AFTER THE FACT.

THIS IS ANNOUNCEMENT TO EDUCATE COMPANIES WHO USE PROGRESS MOVEIT PRODUCT THAT CHAT WE DOWNLOAD ALOT OF YOUR DATA AS PART OF EXCEPTIONAL EXPLOIT. WE ARE THE ONLY ONE WHO CAN PERFORM SUCH ATTACK AND RELAX BECAUSE YOUR DATA IS SAFE.

WE ARE TO PROCEED AS FOLLOW AND YOU SHOULD PAY ATTENTION TO AVOID EXTRAORDINARY MEASURES TO AVOID IMPACT YOU COMPANY.

IMPORTANT! WE DO NOT WISH TO SPEAK TO MEDIA OR RESEARCHERS. LEAVE.

STEP 1 - IF YOU HAD MOVEIT SOFTWARE CONTINUE TO STEP 2 ELSE LEAVE.
 STEP 2 - EMAIL OUR TEAM UNLOCK@RSV-BOX.COM OR UNLOCK@SUPPORT-MULT.COM
 STEP 3 - OUR TEAM WILL EMAIL YOU WITH DEDICATED CHAT URL OVER TOR

WE HAVE INFORMATION ON HUNDREDS OF COMPANIES SO OUR DISCUSSION WILL WORK VERY SIMPLE

STEP 1 - IF WE DO NOT HEAR FROM YOU UNTIL JUNE 14 2023 WE WILL POST YOUR NAME ON THIS PAGE
 STEP 2 - IF YOU RECEIVE CHAT URL GO THERE AND INTRODUCE YOU
 STEP 3 - OUR TEAM WILL PROVIDE 10% PROOF OF DATA WE HAVE AND PRICE TO DELETE
 STEP 4 - YOU MAY ASK FOR 2-3 FILES RANDOM AS PROOF WE ARE NOT LYING
 STEP 5 - YOU HAVE 3 DAY TO DISCUSS PRICE AND IF NO AGREEMENT YOU CUSTOM PAGE WILL BE CREATED
 STEP 6 - AFTER 7 DAYS ALL YOU DATA WILL START TO BE PUBLICATION
 STEP 7 - YOU CHAT WILL CLOSE AFTER 10 NOT PRODUCTIVE DAY AND DATA WILL BE PUBLISH

Clop Gang & MOVEit Breach

"Victims" as listed by Clop up to Monday 19th June

Announcements by Clop
Published 19th June 2023





Midnight Blizzard RDP



ALERT

Foreign Threat Actor Conducting Large-Scale Spear-Phishing Campaign with RDP Attachments



Release Date: October 31, 2024



Research Threat intelligence Microsoft Defender Threat actors · 10 min read

Midnight Blizzard: Guidance for responders on nation-state attack

By Microsoft Threat Intelligence

January 25, 2024



Microsoft Defender for Cloud Apps

Microsoft Defender XDR

Microsoft Entra

[more](#)

The Microsoft security team detected a nation-state attack on our corporate systems on January 12, 2024, and immediately activated our response process to investigate, disrupt malicious activity, mitigate the attack, and deny the threat actor further access. The Microsoft Threat Intelligence investigation identified the threat actor as [Midnight Blizzard](#), the Russian state-sponsored actor also known as NOBELIUM. The latest information from the Microsoft Security and Response Center (MSRC) is posted [here](#).

Restrict Outbound RDP Connections:

- > Forbid or significantly restrict outbound RDP connections to external or public networks. This measure is crucial for minimizing exposure to potential cyber threats.
- > Implement a Firewall along with secure policies and access control lists.

Block RDP Files in Communication Platforms:

- > Prohibit RDP files from being transmitted through email clients and webmail services. This step helps prevent the accidental execution of malicious RDP configurations.

Prevent Execution of RDP Files:

- > Implement controls to block the execution of RDP files by users. This precaution is vital in reducing the risk of exploitation.

Enable Multi-Factor Authentication (MFA):

- > Enable MFA wherever feasible to provide an essential layer of security for remote access.
- > Avoid SMS MFA whenever possible.

Adopt Phishing-Resistant Authentication Methods:

- > Deploy phishing-resistant authentication solutions, such as FIDO tokens. It is important to avoid SMS-based MFA, as it can be vulnerable to SIM-jacking attacks.

Implement Conditional Access Policies:

- > Establish Conditional Access Authentication Strength to mandate the use of phishing-resistant authentication methods. This ensures that only authorized users can access sensitive systems.

Deploy Endpoint Detection and Response (EDR):

- > Implement Endpoint Detection and Response (EDR) solutions to continuously monitor for and respond to suspicious activities within the network.

Consider Additional Security Solutions:

- > Evaluate, in conjunction with EDR, the deployment of anti-phishing and antivirus solutions to bolster their defenses against emerging threats.

Conduct User Education:

- > Have a user education program that highlights how to identify and report suspicious emails. Robust user education can help mitigate the threat of social engineering and phishing emails.
- > Recognize and Report Phishing: [Avoid phishing with these simple tips](#).

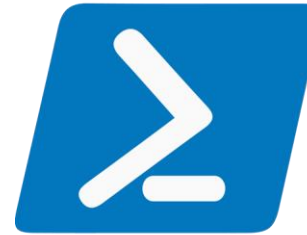
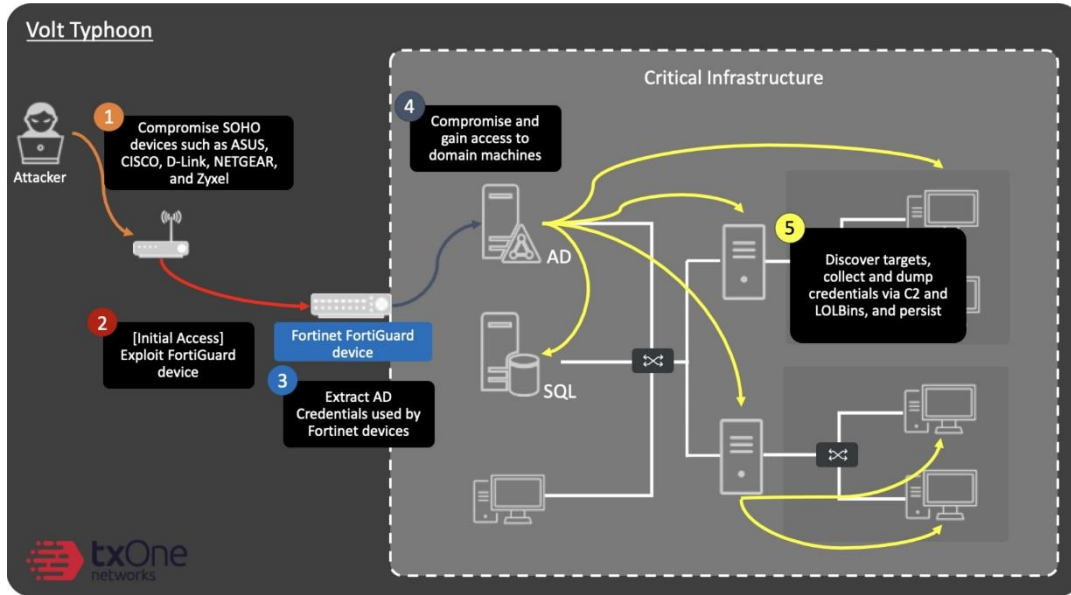
Hunt For Activity Using Referenced Indicators and TTPs:

- > Utilize all indicators that are released in relevant articles and reporting to search for possible malicious activity within your organization's network.
- > Search for unexpected and/or unauthorized outbound RDP connections within the last year.





Volt Typhoon (1 of 2)

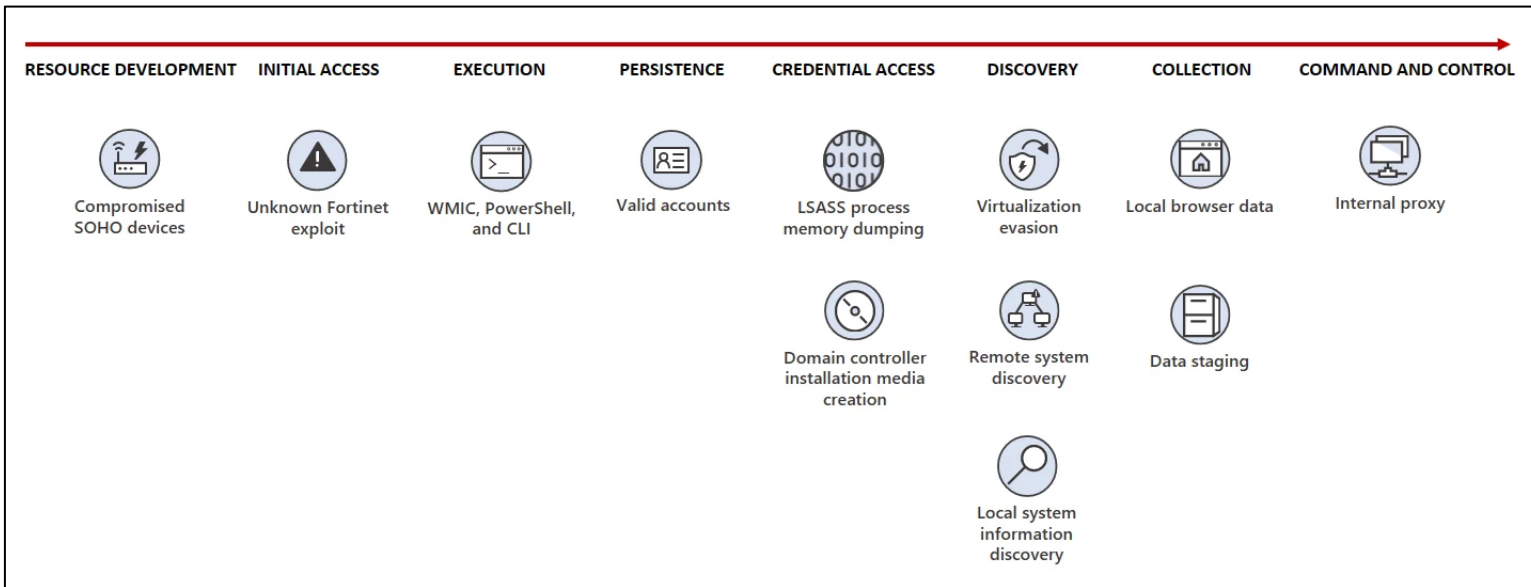


```

msbhelp
The following commands are available:

Commands in this context:
.          Displays a list of commands.
!         Gets up one context level.
!abort    Discards changes made while in offline mode.
!add     Add a configuration entry to a list of entries.
!adfsnrm  Changes to the 'netsh adfsnrm' context.
!alias    Add an alias.
!branch  Changes to the 'netsh branchcache' context.
!bridge  Changes to the 'netsh bridge' context.
!exit    Exits the program.
!help    Displays a list of commands.
!help    Changes to the 'netsh help' context.
!interface Changes to the 'netsh interface' context.
!ipsec   Changes to the 'netsh ipsec' context.
!lan     Changes to the 'netsh lan' context.
!net     Changes to the 'netsh net' context.
!name    Changes to the 'netsh namepsvc' context.

```





Volt Typhoon (2 of 2)



The U.S. authoring agencies have confirmed that Volt Typhoon has compromised the IT environments of multiple critical infrastructure organizations—primarily in Communications, Energy, Transportation Systems, and Water and Wastewater Systems Sectors—in the continental and non-continental United States and its territories, including Guam. Volt Typhoon’s choice of targets and pattern of behavior is not consistent with traditional cyber espionage or intelligence gathering operations, and the U.S. authoring agencies assess with high confidence that Volt Typhoon actors are pre-positioning themselves on IT networks to enable lateral movement to OT assets to disrupt functions. The U.S. authoring agencies are concerned about the potential for these actors to use their network access for disruptive effects in the event of potential geopolitical tensions and/or military conflicts. CCCS assesses that the direct threat to Canada’s critical infrastructure from PRC state-sponsored actors is likely lower than that to U.S. infrastructure, but should U.S. infrastructure be disrupted, Canada would likely be affected as well, due to cross-border integration. ASD’s ACSC and NCSC-I could be vulnerable to similar activity from

i ACTIONS TO TAKE TODAY TO MITIGATE VOLT TYPHOON ACTIVITY:

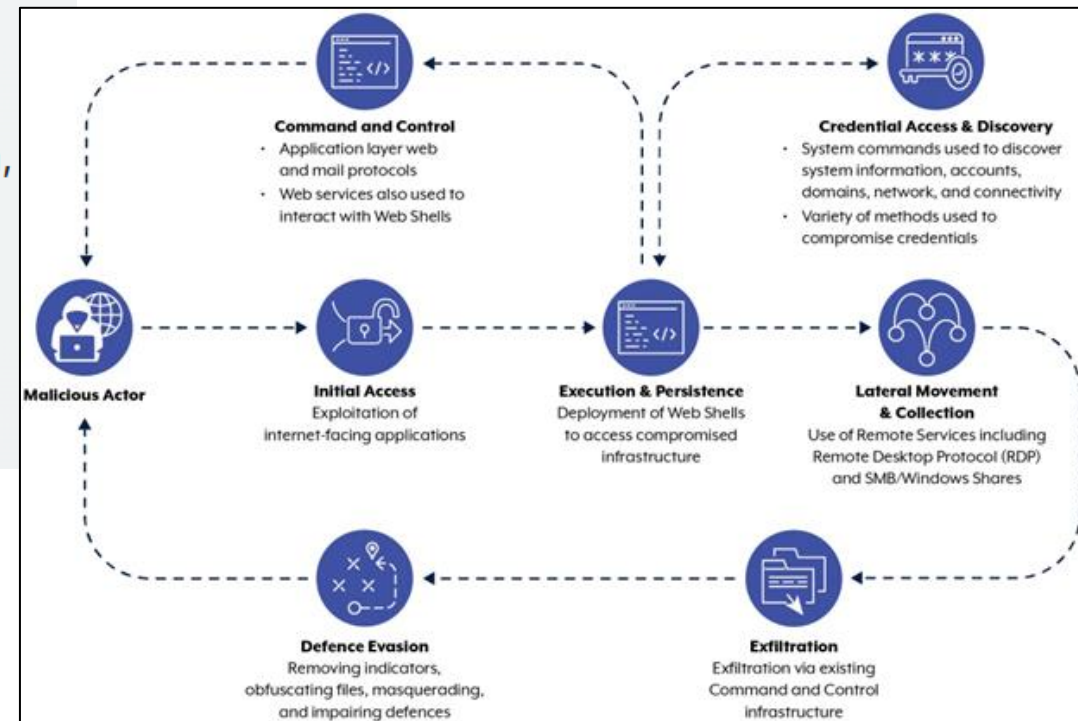
- 1. Apply patches for internet-facing systems. Prioritize patching critical vulnerabilities in appliances known to be frequently exploited by Volt Typhoon.**
- 2. Implement phishing-resistant MFA.**
- 3. Ensure logging is turned on for application, access, and security logs and store logs in a central system.**
- 4. Plan “end of life” for technology beyond manufacturer’s supported lifecycle.**





SALT TYPHOON: TARGETING ISPS AND DATA PERSISTENCE

While Salt Typhoon has not garnered as much publicity as other APT groups, it has been linked to significant intrusions within U.S. Internet Service Providers (ISPs). Salt Typhoon's campaign has focused on compromising routers and other network devices to establish persistent access. Their activities have been primarily espionage-oriented, to collect sensitive data, such as authorized wiretaps, from ISP networks while maintaining a low profile. This threat actor mirrors some tactics from other Typhoon groups, especially using LOTL techniques to prolong their foothold in target environments.





Mis/Dis/Mal-Information



FALSENESS

INTENT TO HARM

Misinformation

Unintentional mistakes such as inaccurate photo captions, dates, statistics, translations, or when satire is taken seriously.

Disinformation

Fabricated and deliberately manipulated audio/visual content. Intentionally created conspiracy theories or rumours.

Malinformation

Deliberate publication of private information for personal or corporate rather than public interest, such as revenge porn. Deliberate change of Context, date or time of Genuine content.

Honoring Our Heroes · Follow
4d · 🌐

I'm american veteran and I hope some love here ❤️

...

Credit: IG/osaki022

#jenniferlopez
#alexandradaddario #AngelinaJolie #MeganFox
#margotrobbie
#chrisevans #ChristianBale #AnneHathway
#BrieLarson
#ScarlettJohansson #elizabetholsen #JenniferLopez
#JenniferAniston #JenniferLawrence #priyankachopra
#KristenStewart #HaileeSteinfeld #emiliaclarke
#galgadot
#wonderwoman #DC #mcu #MeganFox #kyliejenner
#kimkardashian #kendalljennerfans

5.8K
1K comments 163 shares

5.9K >

██████████ this is AI, not a real.
3h Like Reply 2

John Mark
██████████ hello madam
2h Like Reply

Richard Brown
██████████ you are welcome, send me a friend request let's be friends
4h Like Reply

View 1 reply...

So precious
You are truly a hero. Take care and stay safe.
1d Like Reply 7

General James H Dickinson
██████████ Greetings on behalf of the military and air force of the United states for the love and prayers towards the service men and women of our beloved country America. It's because of all of those that do and have loved and prayed for us in service, that I have the privilege to be here today! Thank You ALL. Click on my profile and message me ok thanks.
11h Like Reply





TikTok and Influence



2022

2024

TECHNOLOGY

Biden approves banning TikTok from federal government phones

UPDATED DECEMBER 30, 2022 · 12:05 PM ET

Bobby Allyn



TikTok will be banned soon from most U.S. government devices under a government spending bill signed by President Biden, the latest push by American lawmakers against the Chinese-owned social media app. Michael Dwyer/AP



8:28



TikTok

Stop a TikTok shutdown

Congress is planning a total ban of TikTok.

Speak up now—before your government strips 170 million Americans of their Constitutional right to free expression.

This will damage millions of businesses, destroy the livelihoods of countless creators across the country, and deny artists an audience.

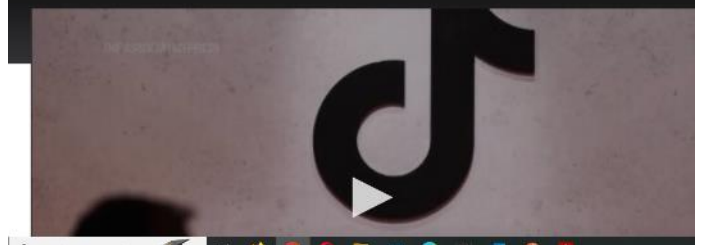
Let Congress know what TikTok means to you and tell them to vote NO.

Enter your 5-digit zip code to find your representative

Call Now

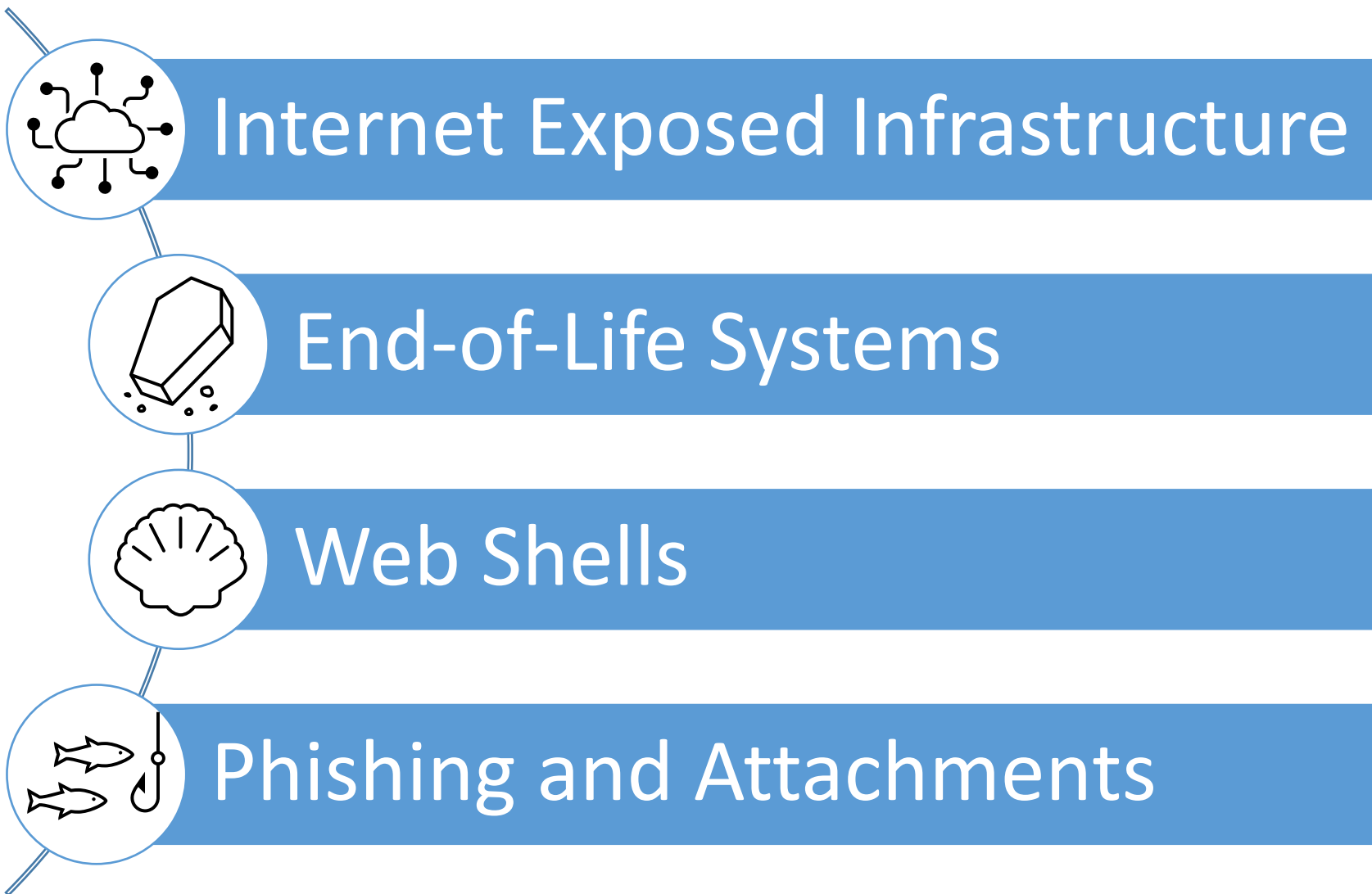
BUSINESS

TikTok sues US to block law that could ban the social media platform



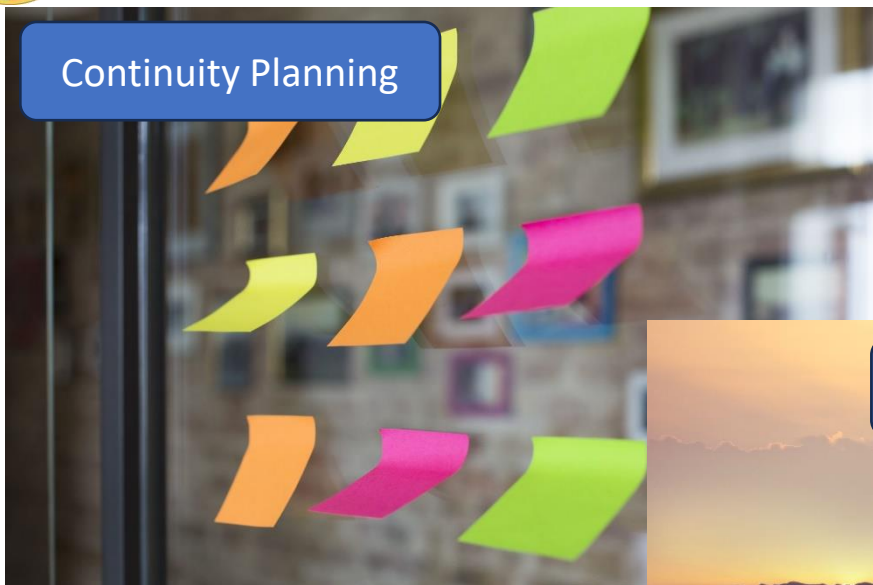


Key Current Threat TTPs

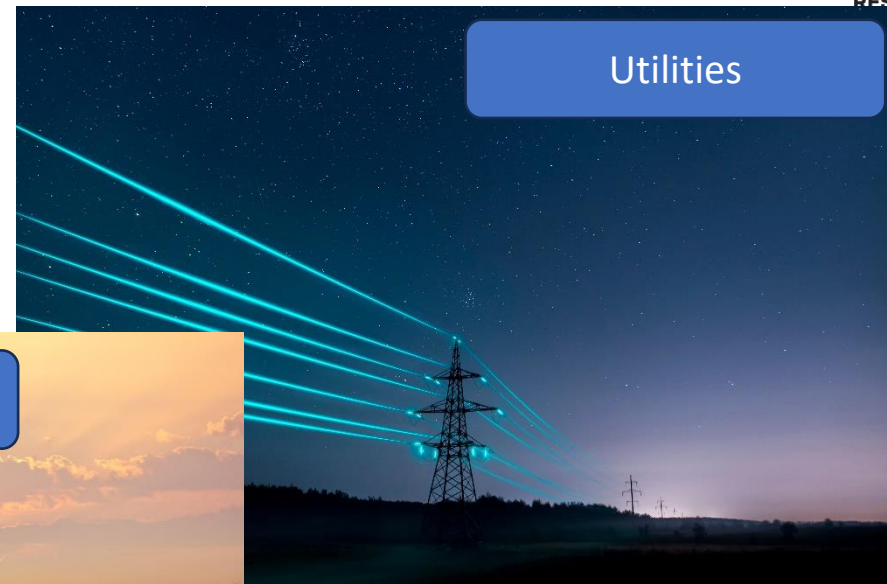




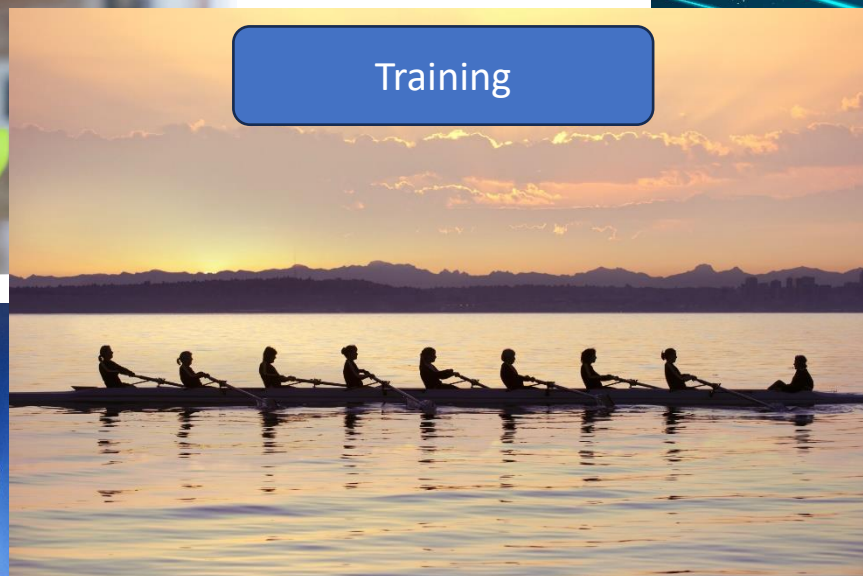
What can you do "Left of Boom?"



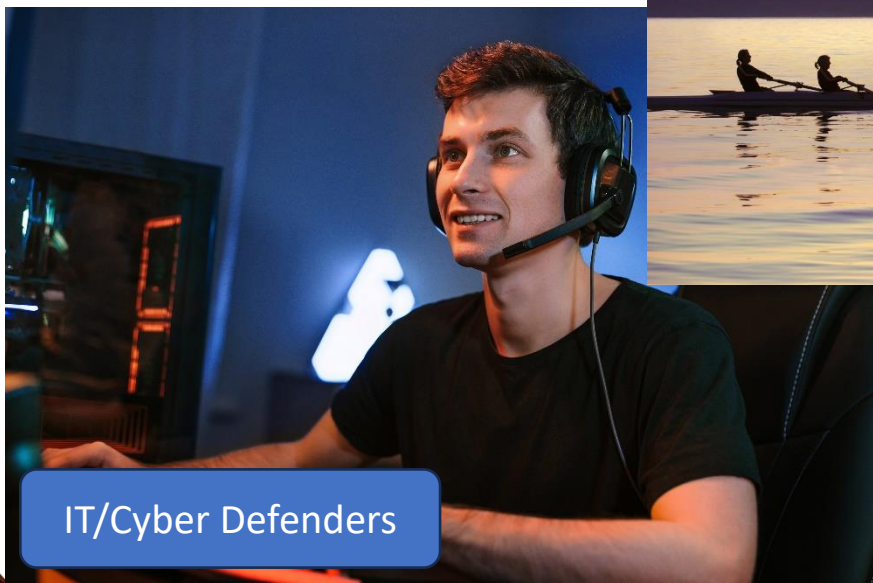
Continuity Planning



Utilities



Training



IT/Cyber Defenders



Law Enforcement





**THANK YOU: AFCEA
Silicon Valley Cyber & IT
Summit!**

Q & A & Discuss!

Happy to connect: <https://www.linkedin.com/in/brad-e-rhodes-the-terminal-colonel/>