

# TOOLS, PRACTICES AND RESOURCES FOR YOUR CYBER- SECURITY TOOLBOX

Cyber Friday Webinar

November 6, 2020



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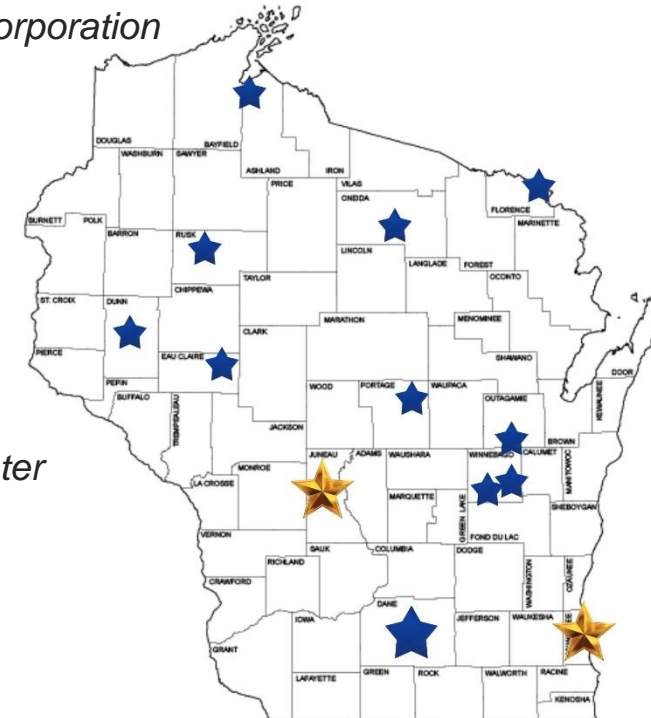
- *Nicolet Area Technical College*

## ▪ GREEN BAY

- *Advance Business & Manufacturing Center*

## ▪ ASHLAND

- *Ashland Area Development Corporation*





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BLOG SERVICES ABOUT **CLIENT PORTAL** SPONSORSHIP CONTACT



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[www.wispro.org](http://www.wispro.org)

UPCOMING EVENTS

- WED 21** Acquisition Hour: Government Property Management for Federal Contractors and Subcontractors  
August 21 @ 12:00 pm - 1:00 pm
- THU 22** Advancing Cybersecurity in the Industry, Energy, Water Nexus – Oshkosh, WI  
August 22 @ 9:00 am - 3:00 pm  
Oshkosh WI
- THU 22** NDIA Great Lakes Chapter 10th Anniversary – Milwaukee, WI  
August 22 @ 12:30 pm - 7:30 pm  
Brookfield Wisconsin
- SEP 11** Acquisition Hour: The End of the Fiscal Year is Here – What is Hot and What is Not  
September 11 @ 12:00 pm - 1:00 pm

[View More...](#)

CURRENT OPPORTUNITIES (1)

GET STARTED WITH THE BASICS

Questions & answers on how to get started.

[GET STARTED](#)

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HAVE A QUESTION? WE'RE HERE TO HELP.

One of our staff of experts is available to answer your questions.

[GET HELP](#)

# **TOOLS, PRACTICES AND RESOURCES FOR YOUR CYBER-SECURITY TOOLBOX**

Marc N. Violante

Wisconsin Procurement Institute

November 6, 2020

# OVERVIEW

- Cybersecurity is not a "thing" or just a plan or some other end-result that once completed never sees the light of day.
- Cybersecurity requires vigilance, awareness and an array of knowledge, tools and skills tailored for every level of the organization and which are practiced on a daily basis.

There is a treasure trove of relevant, accessible and useful information on the web.  
The key issues are:

- Locating it
- Determining it's value
- Determining whether it is credible
- Saving it
- Sorting it
- Creating a functional and usable knowledge system

# Key issues

There is a treasure trove of relevant, accessible and useful information on the web.

The key issues are:



11/6/2020

# Objectives

- Tools for the toolbox | kitchen drawer | garage | etc
  - Collection of related and useful items
  - General theme, not specific to one narrow topic | subject
- Goals
  - Free – publicly accessible – maybe registration is required
  - Credible
  - Useful – provides usable information/resources
  - Outline a framework or pathway in moving forward
  - Resources to help stay current
- Why is current important?

# The need to stay current!



Hackers used previously unknown tools in a cyber espionage campaign targeting defence and aerospace companies in a social engineering and phishing campaign which is more widely targeted than first thought.

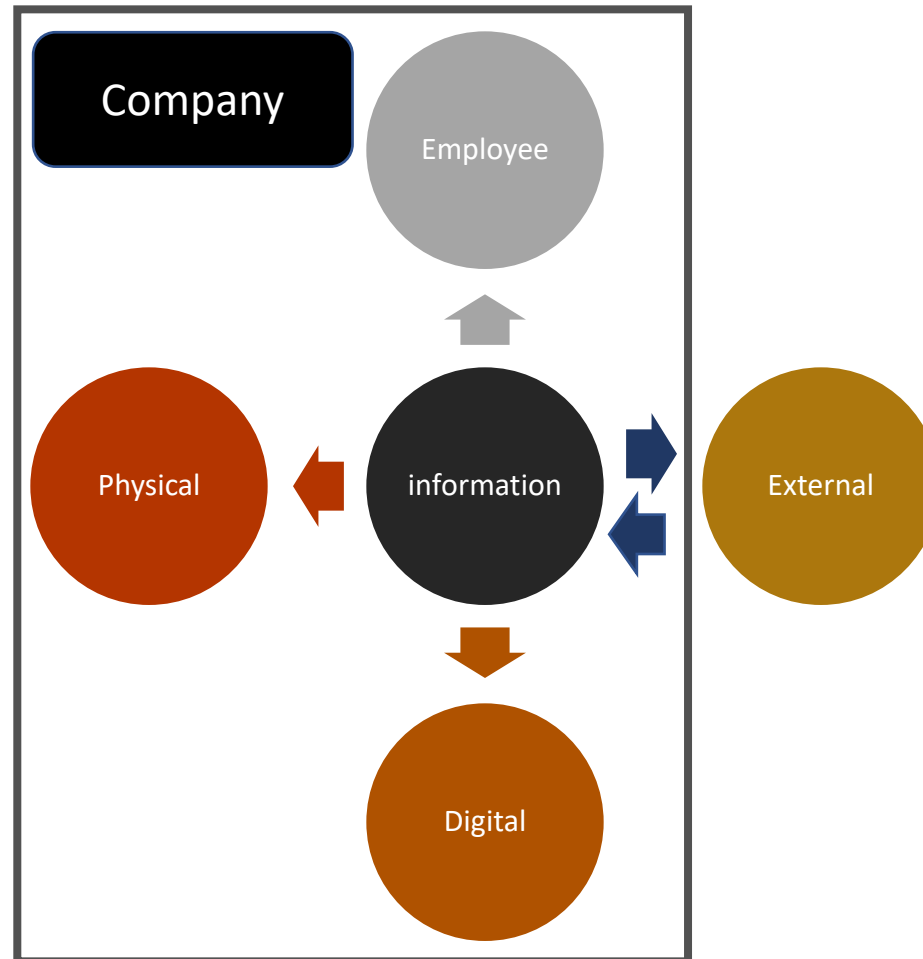
Researchers at McAfee [first detailed Operation North Star earlier this year](#), but further analysis of reveals additional tactics and techniques of the campaign which has almost identical elements to Hidden Cobra – AKA The Lazarus Group – a hacking operation which the US government and others say is working out of North Korea on behalf of the government in Pyongyang.

The campaign is still based around [spear-phishing emails](#) and LinkedIn messages which pose as [job recruitment messages](#) in an effort to lure victims into opening malicious attachments. [Hackers](#)

<https://www.zdnet.com/article/this-hacking-group-is-using-previously-unknown-tools-to-target-defence-contractors/?ftag=TRE-03-10aaa6b&bhid=29185510993962247842492525382582&mid=13155635&cid=2227112790>

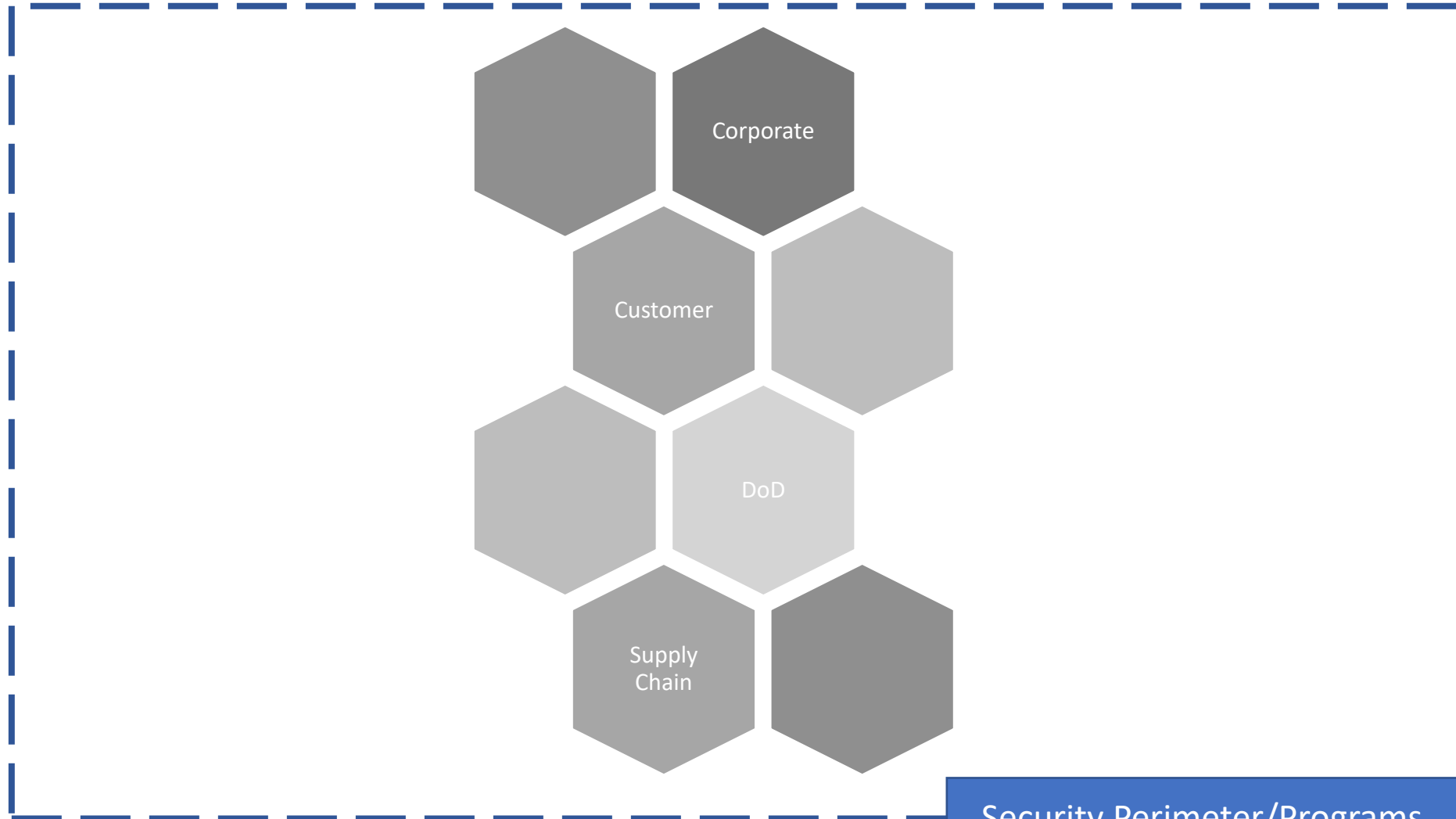
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# Information flows



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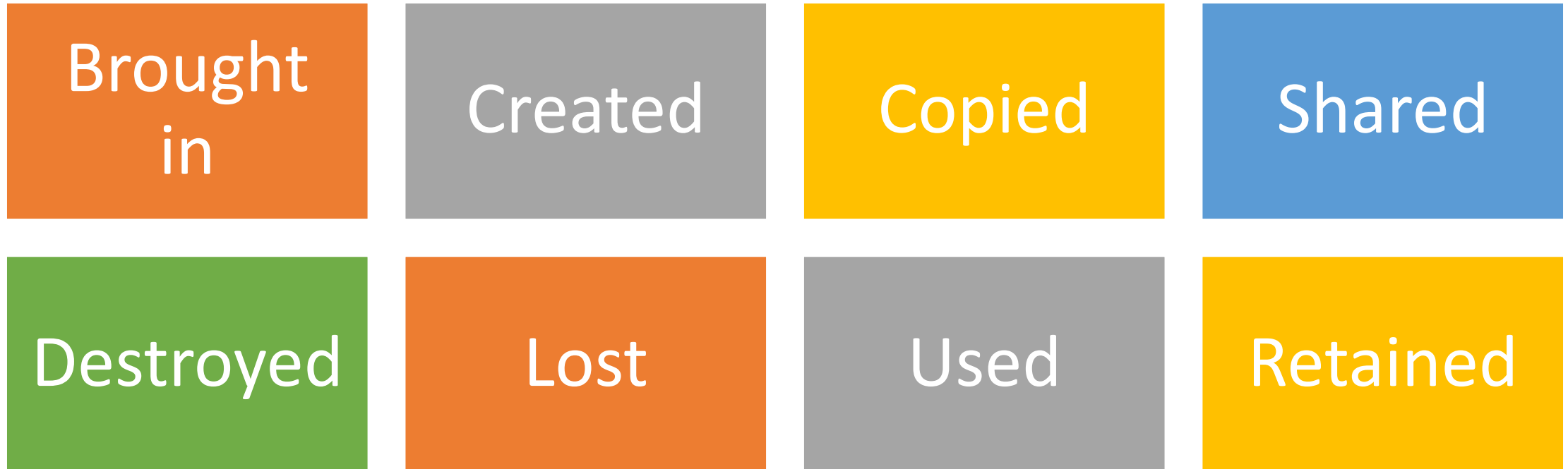
# General Information Sources



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Security Perimeter/Programs

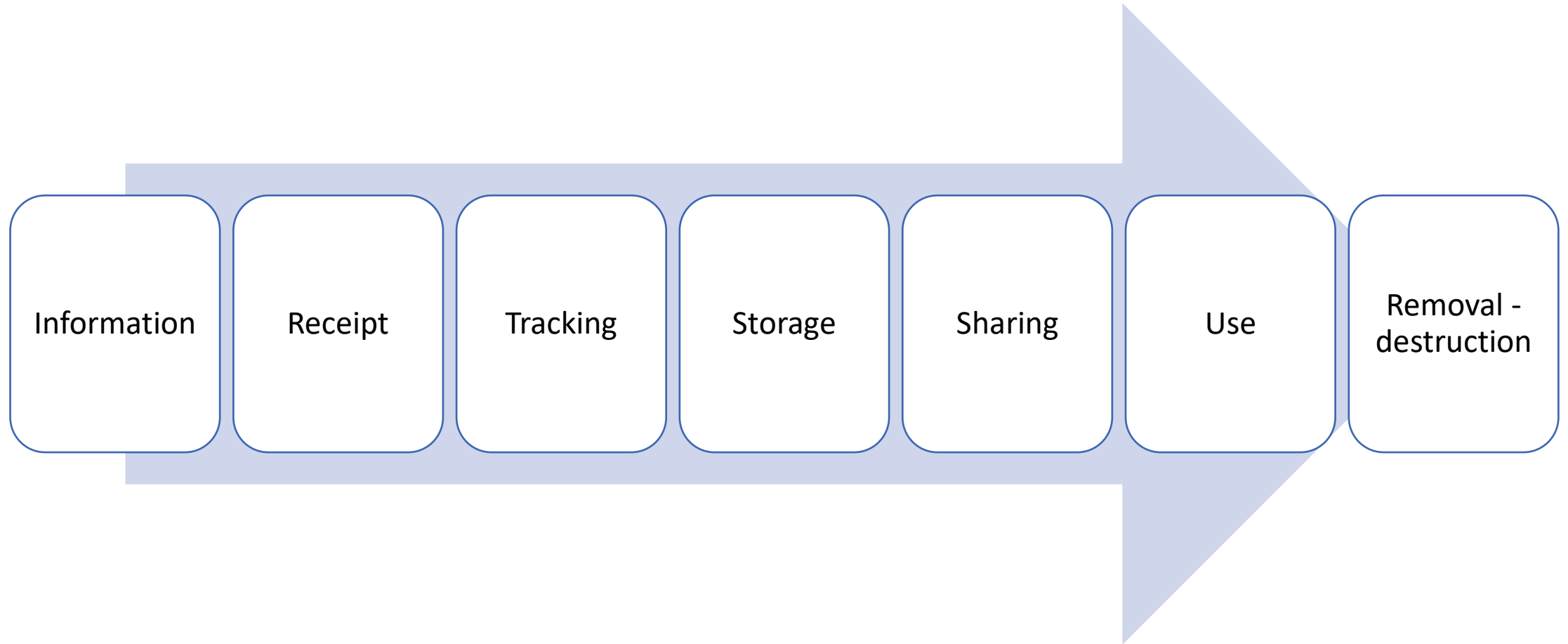
# Information – general categories of use



# General Handling Considerations

- What qualifies
- Information life-cycle
- Registrations
- Company policies
- Company POC's
- Marking
- Storage
- Sharing
- Communication channels
- Retention
- Destruction
- Incident requirements
- Special considerations
- Training requirements

# Information usage lifecycle



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# Business Functions impacted

- Sales
- Marketing
- Web Design/External Communications
- Engineering
- Operations
- Purchasing
- Business Development
- Human Resources
- Finance – Invoice, AR
- Service contracting (external)
- Information Technology

# Key Tools

- Caution
- Awareness
- Deliberateness
- Thoughtfulness
- Training
- Engagement
- Resources
- Policies
- Procedures
- Communications


# Develop Project Timeline


- Define starting point
- Define parameters – boundaries – framework
- Create “work break-down structure”
- Assign responsibility
- Prioritize
- Develop communication mechanism
- Identify critical path
  - Identify critical needs – funding, talent, resources, time

# Google Alerts

Thu 11/5/2020 12:01 PM  
Google Alerts <googlealerts-noreply@google.com>  
Google Alert - cybersecurity maturity model

To: marc@wispro.org

 If there are problems with how this message is displayed, click here to view it in a web browser.  
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.



## cybersecurity maturity model

Daily update · November 5, 2020

NEWS

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[DOD Official: Upcoming \*\*Cybersecurity\*\* Requirements Could Still Significantly Change Based on ...](#)  
Nextgov  
The Defense official in charge of rolling out the department's **Cybersecurity Maturity Model** Certification program suggested it might be necessary to ...  
  Flag as irrelevant

---

[The critical role of CUI in federal supply chain security](#)  
FedScoop  
... on the **Cybersecurity Maturity Model** Certification. "So everything from tax information, personally identifiable privacy information, health information, ...  
  Flag as irrelevant

---

[BSP strengthens \*\*cybersecurity\*\* supervisory tools](#)  
Manila Bulletin  
... cybersecurity rules that are coming relates to digital banking, cloud computing, virtual asset service provider, and the **Cybersecurity Maturity Model**.  
  Flag as irrelevant

[See more results](#) | [Edit this alert](#)

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# Tools to store, organize and access

The screenshot displays a 'My Notebook' application interface. On the left is a sidebar with a search icon and a list of categories, each with a colored icon: CISA advisories (green), CMMC AB (purple), CMMC (red), CMMC - commentary (purple), CMMC Fees (brown), CMMC History (blue), CMMC Roll Out (green), CMMC Wisconsin (purple), Counter Intelligence (blue), Covered Contracts (green), Covid -- background (teal), Covid 19 Resources (blue), Covid - SBA (purple), and Covid SBDC (purple). The 'CMMC' category is selected and highlighted. To the right of the sidebar is a calendar view for 'August 2020', with the date 'Monday, August 10, 2020' and time '4:13 PM' displayed. The main content area shows a text document with the following text:

The U.S. Department of Defense's new compliance program for the defense supply chain, CMMC, has been evolving for over a year and is about to enter an initial readiness phase. But to what degree will both prime contractors and their subcontractors be ready to be CMMC certified, and therefore be eligible to be awarded DOD contracts?

The official version of CMMC V1.0 was published on Jan. 31, 2020. Since then and throughout the spring, more information has become available regarding the CMMC Accreditation Body (CMMC AB) – the outside organization responsible for training and registering CMMC assessors. Now, as we enter the summer, CMMC direction is becoming more refined. The CMMC Accreditation Body is adding details and structure to the CMMC ecosystem.

Applications are now being accepted for four levels of assessors and assessment organizations. Applications are also open for Registered Practitioners — individuals and organizations that facilitate CMMC understanding (but do not perform certified consulting).

As we continue throughout the summer, here's what else may be coming.

From <<https://breakingdefense.com/2020/07/as-cmmc-enters-the-readiness-phase-will-subcontractors-be-ready/>>

“There’s a truism in cybersecurity that you can’t protect what you can’t detect,” Richberg said. “And I’d say there’s a corollary to that, and it’s hard to protect what you don’t understand.

So if you don’t genuinely understand the sensitivity the government ascribes to a given piece or category information, it’s really hard to know how to treat it.”

<https://www.fedscoop.com/critical-role-cmmc-federal-supply-chain-security/>


# “Run to ground” as a general philosophy

- Ideas
- Terms
- Requirements
- Fully understand; document; references; exhaust resources
- If you don't absolutely know or understand what is specifically required, then what can be said about the solution?

# Identify system topology (footprint)

- Network
- Subset
- enclave

# Network Segmentation versus Network Enclaving

 **Tweet** As we have discussed in earlier blogs, network segmentation is the practice of splitting computer networks into subnets using combinations of firewalls, VLANs, access controls and policies & procedures. We have seen that the primary reason for segmenting networks is to prevent a simple perimeter breach from exposing the totality of an organization's information assets. So what is the difference between network segmentation and network enclaving?

One of the differences is just the degree of segmentation you impose upon the network. Enclaves are more thoroughly segmented from the general network environment than usual. In fact, enclaving is sometimes just described as "enhanced network segmentation."

Another difference between segmentation and enclaving is the primary threat enclaving strives to thwart: the internal threat. Although the preponderance of cyber-attacks come from external threat sources such as hackers, cyber-criminals and nation states, many of the most devastating breaches originate from internal sources such as employees and trusted service providers. These internal information security breaches may be either purposeful attacks or may simply be caused by employee error. Either way, they are just as devastating to an organization's reputation and business share.

<https://stateofsecurity.com/network-segmentation-versus-network-enclaving/>

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# Create/Develop baselines

- Personnel
  - Knowledge
  - Skills
  - Functional expertise
  - Gaps
- Requirements
- Equipment
  - functionality

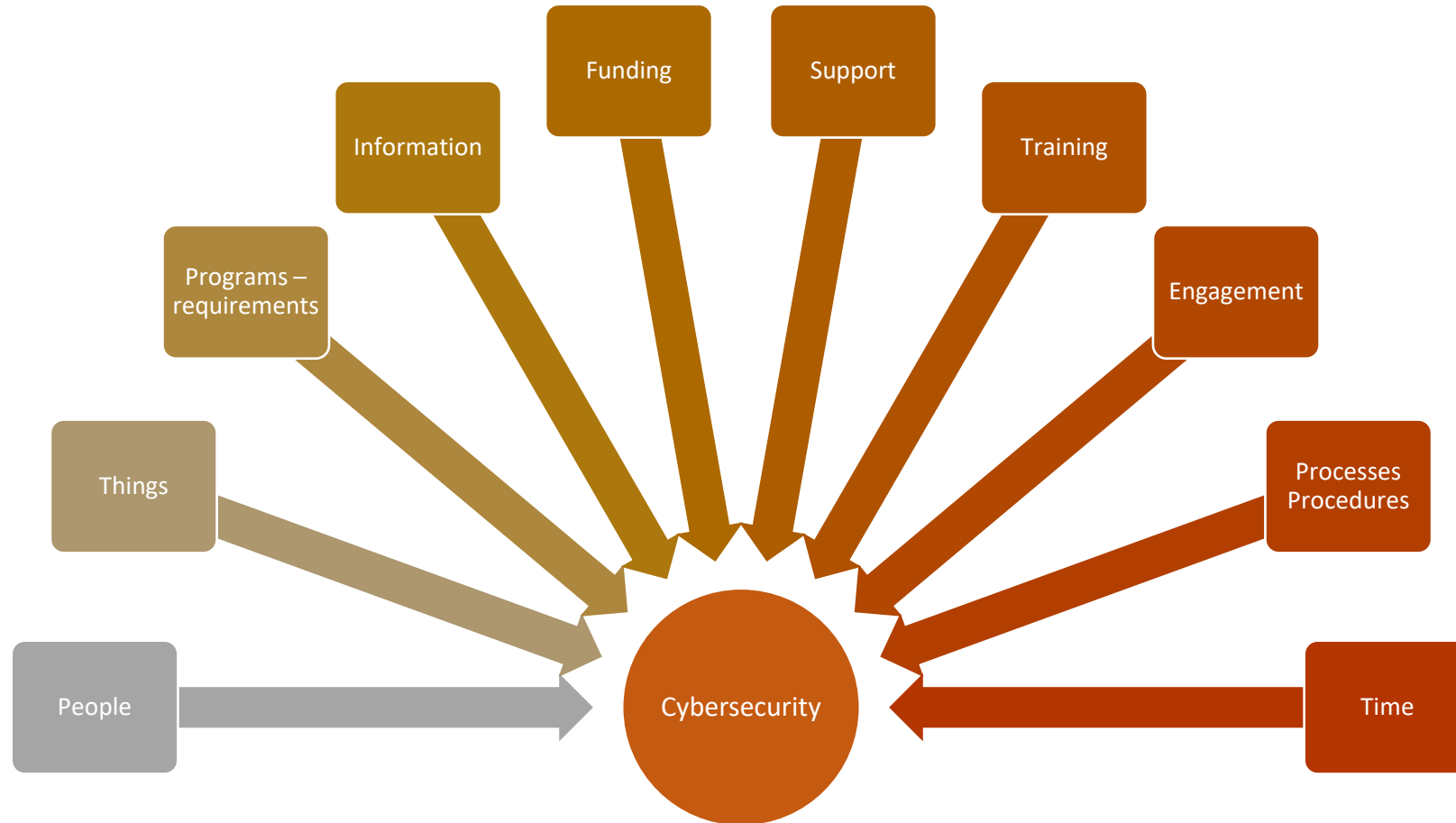
# Programs/Requirements

- Federal Contract Information
- Controlled Unclassified Information
- Export Controlled
- JCP
- NOFORN
- Customer – commercial restricted/proprietary
- Corporate - proprietary

# Identify requirements – information in-house

- Contractual requirements/obligations
- Information used, stored, shared
- Determine retention requirements
  - Destroy (as appropriate)
  - Reduce – information footprint

# Categorize Resource types



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# Identify the Driver(s) (example)



# Understand “belief system”

- Dangers of smoking
- Dangers of texting and driving
- Dangers of mountain biking
- Dangers of coronavirus
- Dangers of being hacked
- Dangers of cyber attacks



# US-CERT

UNITED STATES COMPUTER EMERGENCY READINESS TEAM

## 5 Questions CEOs Should Ask About Cyber Risks

- 1) How Is Our Executive Leadership Informed About the Current Level and Business Impact of Cyber Risks to Our Company?
- 2) What Is the Current Level and Business Impact of Cyber Risks to Our Company? What Is Our Plan to Address Identified Risks?
- 3) How Does Our Cybersecurity Program Apply Industry Standards and Best Practices?
- 4) How Many and What Types of Cyber Incidents Do We Detect In a Normal Week? What is the Threshold for Notifying Our Executive Leadership?
- 5) How Comprehensive Is Our Cyber Incident Response Plan? How Often Is It Tested?

# What should CEOs know about the cybersecurity threats their companies face?

CEOs should ask the following questions about potential cybersecurity threats:

- How could cybersecurity threats affect the different functions of my business, including areas such as supply chain, public relations, finance, and human resources?
- What type of critical information could be lost (e.g., trade secrets, customer data, research, personally identifiable information)?
- How can my business create long-term resiliency to minimize our cybersecurity risks?
- What kind of cyber threat information sharing does my business participate in? With whom does my business exchange this information?
- What type of information sharing practices could my business adopt that would help foster community among the different cybersecurity groups where my business is a member?

# What can CEOs do to mitigate cybersecurity threats?

The following questions will help CEOs guide discussions about their cybersecurity risk with management:

- What is the threshold for notifying executive leadership about cybersecurity threats?
- What is the current level of cybersecurity risk for our company?
- What is the possible business impact to our company from our current level of cybersecurity risk?
- What is our plan to address identified risks?
- What cybersecurity training is available for our workforce?
- What measures do we employ to mitigate insider threats?
- How does our cybersecurity program apply industry standards and best practices?
- Are our cybersecurity program metrics measureable and meaningful?
- How comprehensive are our cybersecurity incident response plan and our business continuity and disaster recovery plan?
- How often do we exercise our plans?
- Do our plans incorporate the whole company or are they limited to information technology (IT)?
- How prepared is my business to work with federal, state, and local government cyber incident responders and investigators, as well as contract responders and the vendor community?

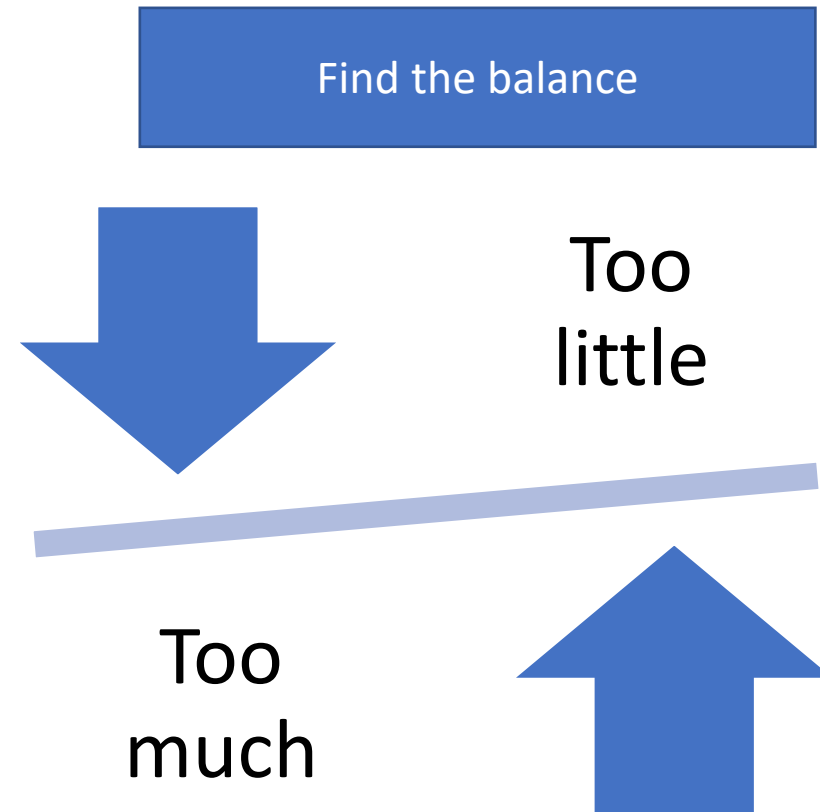
<https://us-cert.cisa.gov/ncas/tips/ST18-007>

# Risks - Identify and Prioritize Information Types

	<i>Example: Customer Contact Information</i>	Info type 1	Info type 2	Info type 3	...
<b>Cost of revelation</b> (Confidentiality)	<i>Med</i>				
<b>Cost to verify information</b> (Integrity)	<i>High</i>				
<b>Cost of lost access</b> (Availability)	<i>High.</i>				
Cost of lost work	<i>High</i>				
Fines, penalties, customer notification	<i>Med</i>				
Other legal costs	<i>Low</i>				
Reputation / public Relations costs	<i>High</i>				
Cost to identify and repair problem	<i>High</i>				
<b>Overall Score:</b>	<i>High</i>				

# Budget

- Funding drives all/most activities
  - Personnel
  - Time
  - Equipment
  - Training
  - Resources
  - Upgrades
  - Consultants if required/used
  - Cyber Insurance
- Account for growth, new requirements



# Develop Resources – references & SME/S



Image copied from: [innovation.ed.gov](https://www.innovation.ed.gov)

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# Vulnerabilities lead to different paths of attack

## Notes by CVSS Environmental Score

CVSS	Public	ID	Title
9.6	2014-09-24	VU#252743	GNU Bash shell executes commands in exported functions in enviro...
9.5	2014-04-26	VU#222929	Microsoft Internet Explorer CMarkup use-after-free vulnerability
9.5	2014-02-13	VU#732479	Internet Explorer CMarkup use-after-free vulnerability
9.5	2013-01-10	VU#625617	Java 7 fails to restrict access to privileged code
9.5	2012-08-26	VU#636312	Oracle Java JRE 1.7 Expression.execute() and SunToolkit.getField() ...
9.5	2010-08-02	VU#362332	Wind River Systems VxWorks debug service enabled by default
9.5	2010-08-02	VU#840249	Wind River Systems VxWorks weak default hashing algorithm in sta...
9.4	2013-03-04	VU#688246	Oracle Java contains multiple vulnerabilities
9.3	2011-12-27	VU#723755	WiFi Protected Setup (WPS) PIN brute force vulnerability
9.2	2014-08-07	VU#578598	Iridium Pilot and OpenPort contain multiple vulnerabilities
9.0	2014-11-11	VU#505120	Microsoft Secure Channel (Schannel) vulnerable to remote code exe...

# Software

- Identify all systems on/connecting to the network
- Identify owners
- Identify software
- Identify/define – allowed v. rogue software
- Determine patches/security updates/support
- Validate – A/V / Firewall

# Identify tools



- General +
- Vulnerabilities +
- Vulnerability Metrics +
- Products +
- Configurations (CCE) +
- Contact NVD +
- Other Sites +
- Search +



Product Integration with NVD  
CVSS Calculators



<https://nvd.nist.gov/vuln-metrics/cvss>

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# Resources for awareness & insight



## NVD Dashboard

### CVEs Received and Processed

Time Period	New CVEs Received by NVD	New CVEs Analyzed by NVD	Modified CVEs Received by NVD	Modified CVEs Re-analyzed by NVD
Today	57	16	69	6
This Week	232	182	221	14
This Month	232	182	221	14
Last Month	1578	1694	1023	744
This Year	15807	15976	7492	2859

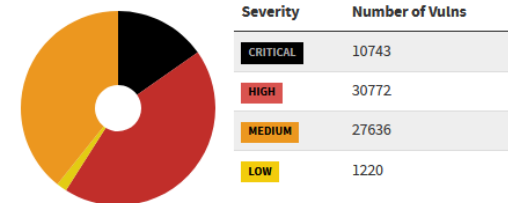
### CVE Status Count

Total	152679
Received	18
Awaiting Analysis	24
Undergoing Analysis	323
Modified	75514
Rejected	8482

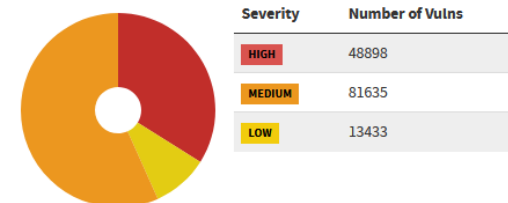
### NVD Contains

CVE Vulnerabilities	152679
Checklists	528
US-CERT Alerts	249
US-CERT Vuln Notes	4487
OVAL Queries	10286
CPE Names	569638

### CVSS V3 Score Distribution



### CVSS V2 Score Distribution



<https://nvd.nist.gov/general/nvd-dashboard>

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# National Vulnerabilities Database

VULNERABILITIES

## Full Listing

Click on a specific month below to see the CVEs from that time period.

### 2020

[January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#)

### 2019

[January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

### 2018

[January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

### 2017

[January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

### 2016

[January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

<https://nvd.nist.gov/vuln/full-listing>

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# November 2020 entries

Below is a list of CVEs for the selected month.

**NOTE:** The CVEs shown below have a **release date** in the year and month chosen. The CVE ID may show a year value that does not match the release date, however, the release date will fall within the chosen year and month.

466 entries found for November 2020

CVE-2020-25849	CVE-2020-11114	CVE-2020-11125	CVE-2020-11141	CVE-2020-11153	CVE-2020-11154
CVE-2020-11155	CVE-2020-11156	CVE-2020-11157	CVE-2020-11162	CVE-2020-11164	CVE-2020-11169
CVE-2020-11172	CVE-2020-11173	CVE-2020-11174	CVE-2020-3638	CVE-2020-3654	CVE-2020-3657
CVE-2020-3670	CVE-2020-3673	CVE-2020-3678	CVE-2020-3684	CVE-2020-3690	CVE-2020-3692
CVE-2020-3693	CVE-2020-3694	CVE-2020-3696	CVE-2020-3703	CVE-2020-3704	CVE-2018-19950
CVE-2018-19951	CVE-2018-19952	CVE-2018-19954	CVE-2018-19955	CVE-2018-19956	CVE-2018-17932
CVE-2018-19025	CVE-2020-10937	CVE-2020-14425	CVE-2020-14750	CVE-2020-15914	CVE-2020-23639
CVE-2020-24881	CVE-2020-25689	CVE-2020-27358	CVE-2020-27359	CVE-2020-27708	CVE-2020-27982
CVE-2020-27992	CVE-2020-28002	CVE-2020-28030	CVE-2020-28031	CVE-2020-28032	CVE-2020-28033
CVE-2020-28034	CVE-2020-28035	CVE-2020-28036	CVE-2020-28037	CVE-2020-28038	CVE-2020-28039
CVE-2020-28040	CVE-2020-28041	CVE-2020-28042	CVE-2020-28043	CVE-2020-28044	CVE-2020-28045
CVE-2020-28046	CVE-2020-5652	CVE-2020-5653	CVE-2020-5654	CVE-2020-5655	CVE-2020-5656
CVE-2020-5657	CVE-2020-5658	CVE-2020-6014	CVE-2020-8173	CVE-2020-8183	CVE-2020-8236
CVE-2020-9368	CVE-2020-23868	CVE-2020-23989	CVE-2020-26939	CVE-2020-7757	CVE-2020-7758
CVE-2020-9861	CVE-2020-15967	CVE-2020-15968	CVE-2020-15969	CVE-2020-15970	CVE-2020-15971
CVE-2020-15972	CVE-2020-15973	CVE-2020-15974	CVE-2020-15975	CVE-2020-15976	CVE-2020-15977
CVE-2020-15978	CVE-2020-15979	CVE-2020-15980	CVE-2020-15981	CVE-2020-15982	CVE-2020-15983

<https://nvd.nist.gov/vuln/full-listing/2020/11>

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# NVD - search

Try a product name, vendor name, CVE name, or an OVAL query.

NOTE: Only vulnerabilities that match ALL keywords will be returned, Linux kernel vulnerabilities are categorized separately from vulnerabilities in specific Linux distributions.

**Search results will only be returned for data that is populated by NIST or from source of Acceptance Level "Provider".**

<b>Search Type</b> <input checked="" type="radio"/> Basic <input type="radio"/> Advanced	<b>Contains HyperLinks</b> <input type="checkbox"/> US-CERT Technical Alerts <input type="checkbox"/> US-CERT Vulnerability Notes <input type="checkbox"/> OVAL Queries
<b>Results Type</b> <input checked="" type="radio"/> Overview <input type="radio"/> Statistics	<input type="button" value="Search"/> <input type="button" value="Reset"/>
<b>Keyword Search</b> <input type="text"/> <input type="checkbox"/> Exact Match	
<b>Search Type</b> <input checked="" type="radio"/> All Time <input type="radio"/> Last 3 Months <input type="radio"/> Last 3 Years	

# Search Results

## Search Parameters:

- Results Type: Overview
- Keyword (text search): python
- Search Type: Search All

There are **501** matching records.  
Displaying matches **1** through **20**.

1 2 3 4 5 6 7 8 9 10 > >>

Vuln ID	Summary	CVSS Severity
<b>CVE-2020-15271</b>	In lookatme (python/pypi package) versions prior to 2.3.0, the package automatically loaded the built-in "terminal" and "file_loader" extensions. Users that use lookatme to render untrusted markdown may have malicious shell commands automatically run on their system. This is fixed in version 2.3.0. As a workaround, the `lookatme/contrib/terminal.py` and `lookatme/contrib/file_loader.py` files may be manually deleted. Additionally, it is always recommended to be aware of what is being rendered with lookatme.  <b>Published:</b> October 26, 2020; 2:15:14 PM -0400	V3.x:(not available) V2.0:(not available)
<b>CVE-2020-27619</b>	In Python 3 through 3.9.0, the Lib/test/multibytecodec_support.py CJK codec tests call eval() on content retrieved via HTTP.  <b>Published:</b> October 21, 2020; 11:16:31 PM -0400	V3.1: <b>9.8 CRITICAL</b> V2.0: <b>7.5 HIGH</b>
<b>CVE-2020-16977</b>	A remote code execution vulnerability exists in Visual Studio Code when the Python extension loads a Jupyter notebook file, aka 'Visual Studio Code Python Extension Remote Code Execution Vulnerability'.  <b>Published:</b> October 16, 2020; 7:15:17 PM -0400	V3.1: <b>7.8 HIGH</b> V2.0: <b>9.3 HIGH</b>
<b>CVE-2020-4636</b>	IBM Resilient OnPrem 38.2 could allow a privileged user to inject malicious commands through Python3 scripting. IBM X-Force ID: 185503.  <b>Published:</b> October 16, 2020; 1:15:13 PM -0400	V3.1: <b>7.2 HIGH</b> V2.0: <b>6.5 MEDIUM</b>
<b>CVE-2020-26943</b>	An issue was discovered in OpenStack blazar-dashboard before 1.3.1, 2.0.0, and 3.0.0. A user allowed to access the Blazar dashboard in Horizon may trigger code execution on the Horizon host as the user the Horizon service runs under (because the Python eval function is used). This may result in Horizon host unauthorized access and further compromise of the Horizon service. All setups using the Horizon dashboard with the blazar-dashboard plugin are affected.  <b>Published:</b> October 16, 2020; 2:15:12 AM -0400	V3.1: <b>9.9 CRITICAL</b> V2.0: <b>9.0 HIGH</b>




[https://nvd.nist.gov/vuln/search/results?form\\_type=Basic&results\\_type=overview&query=python&search\\_type=all](https://nvd.nist.gov/vuln/search/results?form_type=Basic&results_type=overview&query=python&search_type=all)

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# Assemble Public and Private resources



## Current Activity

 <p>Thursday, November 5, 2020</p> <p>Cisco Releases Security Updates for Multiple Products</p>	 <p>Wednesday, November 4, 2020</p> <p>Adobe Releases Security Updates for Acrobat and Reader</p>	 <p>Tuesday, November 3, 2020</p> <p>Google Releases Security Updates for Chrome, CVE-2020-16009</p>	 <p>Monday, November 2, 2020</p> <p>Oracle Releases Out-of-Band Security Alert</p>
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<https://us-cert.cisa.gov/>



11/6/2020

# Look for and Subscribe – create mail rules

<p><b>10/26</b></p> <p>VU#760767</p> <p>Macrium Reflect is vulnerable to privilege escalation due to OPENSSLDIR location</p>	<p><b>10/22</b></p> <p>VU#208577</p> <p>Chocolatey Boxstarter vulnerable to privilege escalation due to weak ACLs</p>	<p><b>10/15</b></p> <p>VU#589825</p> <p>Devices supporting Bluetooth BR/EDR and LE using CTKD are vulnerable to key overwrite</p>	<p><b>10/12</b></p> <p>VU#114757</p> <p>Acronis backup software contains multiple privilege escalation vulnerabilities</p>	<p><b>10/8</b></p> <p>VU#257161</p> <p>Treck IP stacks contain multiple vulnerabilities</p>	<p><b>10/1</b></p> <p>VU#490028</p> <p>Microsoft Windows Netlogon Remote Protocol (MS-NRPC) uses insecure AES-CFB8 initialization vector</p>
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## Subscribe to Alerts

Receive security alerts, tips, and other updates.

[Sign Up](#) [HSIN](#)  

# Information Sharing and Analysis Centers

[HOME](#)[ABOUT NCI](#)[ABOUT ISACS](#)[MEMBER ISACS](#)[EVENTS](#)[PUBLICATIONS](#)[NEWS](#)[CONTACT](#)

## ABOUT ISACs

Information Sharing and Analysis Centers (ISACs) help critical infrastructure owners and operators protect their facilities, personnel and customers from cyber and physical security threats and other hazards. ISACs collect, analyze and disseminate actionable threat information to their members and provide members with tools to mitigate risks and enhance resiliency.

The concept of ISACs was introduced and promulgated pursuant to Presidential Decision Directive-63 (PDD-63), signed May 22, 1998, after which the federal government asked each critical infrastructure sector to establish sector-specific organizations to share information about threats and vulnerabilities. Some ISACs formed as early as 1999, and most have been in existence for at least ten years.

ISACs are trusted entities established by critical infrastructure owners and operators to foster information sharing and best practices about physical and cyber threats and mitigation. Typically nonprofit organizations, ISACs reach deep into their sectors, communicating critical information far and wide and maintaining sector-wide situational awareness.

Most ISACs have 24/7 threat warning and incident reporting capabilities, and may also set the threat level for their sectors. And many ISACs have a track record of responding to and sharing actionable and relevant information more quickly than government partners.

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# Multi-State ISAC

The mission of the MS-ISAC is to improve the overall cybersecurity posture of the nation's state, local, tribal and territorial governments through focused cyber threat prevention, protection, response, and recovery.

[See Our FAQ](#) → [Read the MS-ISAC Mission & Charter](#) →

## Services Included with Membership

- |   |   |
|---|---|
| • 24/7 Security Operation Center                                  | • Weekly Top Malicious Domains/IP Report      |
| • Incident Response Services                                      | • Monthly Members-only Webcasts               |
| • Cybersecurity Advisories and Notifications                      | • Access to Cybersecurity Table-top Exercises |
| • Access to Secure Portals for Communication and Document Sharing | • Vulnerability Management Program (VMP)      |
| • Cyber Alert Map   | • Nationwide Cyber Security Review (NCSR)     |
| • Malicious Code Analysis Platform (MCAP)                         | • Awareness and Education Materials           |



## DIB SCC CyberAssist

Our Mission: Provide trusted resources to assist DIB companies and suppliers of varying sizes with the implementation of cyber protections, and awareness of cyber risk, regulations and accountability for their supply chain.

[Getting Started](#)

[CMMC Resources](#)



AWARENESS



IMPLEMENTATION



ASSESSMENT

# DIB SCC Task Force Working Group Top 10 high value controls



**Administrative Rights and Privileges**



**Anti-virus/Malware**



**Default Passwords**



**DNS Mitigations**



**Email Filtering**



**Employee Training and Awareness**



**Multi-Factor Authentication**



**Patching**



**Perimeter Hardening**



**Web Content Filtering**

<https://ndisac.org/dibsc/implementation-and-assessment/top-10-high-value-controls/>

# DIB SCC Task Force Working Group Top 10 high value controls

## Implementation

## Assessment

- [Boston University – Identity and Access Management Policy](#)  
A sample identity and access management policy for Boston University.
- [BrightTalk – Anger, Greed and a Few Mistakes: Human Nature and Privileged Accounts](#) Video presented by CyberArk discussing risks with privilege account misuse.
- [BrightTalk – Global State of Privileged Account Management](#) Video presented by Thycotic discussing risks and mitigations for privileged accounts.
- [BrightTalk – Simply Indispensable Privileged Account Management & Endpoint Security](#) Video presented by Thycotic discussing risks and mitigations for privileged accounts.
- [BrightTalk – Target and Eliminate Privileged Account Security Threats](#) Video presented by McAfee and Lieberman Software discussing privileged account management.
- [Grande Prairie Regional College – IT Access Control and User Access Management Policy](#)  
A sample user access management policy for the Grande Prairie Regional College.

<https://ndisac.org/dibscscc/implementation-and-assessment/top-10-high-value-controls/administrative-rights-and-privileges/>

# Don't recreate the wheel or pay if not needed

## NIST SP 800-171 Security Controls

Here you will find public resources we have collected on the key NIST SP 800-171 security controls in an effort to assist our suppliers in their implementation of the controls. Select a control family below to display the collected resources for controls within that particular family. Resources include guides, sample policy & procedures, videos, example tools, additional lessons learned, and vendor documentation. In time, resources will be made available that address additional security controls. You will want to check back periodically for updates to this information.

If you wish to provide any feedback about the resources, please click [here](#).

3.1 Access Control	3.2 Awareness and Training	3.3 Audit and Accountability	3.4 Configuration Management	3.5 Identification and Authentication	3.6 Incident Response	3.7 Maintenance	3.8 Media Protection
	3.9 Personnel Security	3.10 Physical Protection	3.11 Risk Assessment	3.12 Security Assessment	3.13 Systems and Communications Protection	3.14 Systems and Information Integrity	

Northrop Grumman / Suppliers - OASIS / NIST SP 800-171 Security Controls

<https://www2.northropgrumman.com/suppliers/Pages/CybersecurityControlsLanding.aspx>

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# 3.4 Configuration Management – for example

3.4.1 Establish and maintain baseline configurations and inventories of organizational information systems (including hardware, software, firmware, and documentation) throughout the respective system development life cycles.

3.4.2 Establish and enforce security configuration settings for information technology products employed in organizational systems.

## Guides

- DISA Security Technical Implementation Guides (STIGS)
- NIST Computer Resource Center National Checklist Program Repository
- Microsoft TechNet – Geek of All Trades: Automate Baseline Security

## Sample Policy & Procedures

- SANS Institute - Sample Server Policy
- SANS Institute - Sample Router and Switch Policy
- Berkeley Information Security and Policy – Secure Device Configuration Guideline

## Videos

- BrightTALK - Security Configuration Management - The Keys to the Digital Kingdom

## Example Tools

- Microsoft Security Compliance Manager
- Tenable Security Center
- NIST - SCAP Intro
- OSCP
- Linux SCAP Workbench
- Center for Internet Security - Benchmarks

## Additional Lessons Learned

- Center for Internet Security - Top 20 Security Controls

## Vendor Documentation

- Cisco Security Baseline Checklist

# Identify/explore a variety of resources – then select

## CUI Training

The CUI Executive Agent develops training modules for the CUI Program, designed for a widespread audience at multiple levels within the government and beyond. The modules below can be used to supplement any training or awareness efforts by Executive branch entities or other stakeholders (i.e., Nonfederal organizations).

Select a subject from the list below to transfer directly to training modules for that topic:

- [Controlled Environments](#)
- [CUI Program Overview](#)
- [Decontrolling](#)
- [Destruction](#)
- [Freedom of Information Act \(FOIA\)](#)
- [Lawful Government Purpose](#)
- [Introduction to Marking](#)
- [Marking Non-Traditional Documents](#)
- [Marking Commingled Information](#)
- [Unauthorized Disclosures: Preventing and Reporting](#)
- [CUI Briefing January 27, 2017](#)

<https://www.archives.gov/cui/training.html>

# Know the Risk Raise Your Shield



The National  
Counterintelligence  
and Security Center

NCSC | Know the Risk  
Raise your Shield  
www.ncsc.gov

1. Strengthen your **P@\$\$w0rd\$!**
2. Lock-down your **social media accounts.** 
3. Delete **suspicious emails.** 
4. Don't expect **privacy** when you travel. 
5. **Know** who you're talking to. 

<https://www.dni.gov/index.php/ncsc-how-we-work/ncsc-know-the-risk-raise-your-shield>

11/6/2020

# Take advantage of free & credible resources



The Federal Virtual Training Environment (FedVTE) provides free online cybersecurity training to federal, state, local, tribal, and territorial government employees, federal contractors, and US military veterans. [Click here](#) to view the FedVTE course catalog.

## Log In with an Existing Account

Email:

Password:  [I forgot my Password](#)

[Log In](#)

## Public Content

[Click Here for Publicly Available Free Courses](#)

## New Users

If you are a federal, state, local, tribal, or territorial government employee, a federal contractor, or a US military veteran, you can create a new account by clicking the button below.

[Register Here](#)

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# Courses available to the public

**Public Courses**

**No login required**

The Federal Virtual Training Environment (FedVTE) provides the following courses free of charge and without login requirements. You must use a modern browser (Edge, Chrome, Firefox) and have cookies enabled to track your progress in these courses.

[Refer to the FAQ for more questions and answers on Public FedVTE](#)

## Publicly Available Free Courses

[101 Coding for the Public](#)

[101 Critical Infrastructure Protection for the Public](#)

[Cryptocurrency for Law Enforcement for the Public](#)

[Cyber Supply Chain Risk Management for the Public](#)

[101 Reverse Engineering for the Public](#)

[Fundamentals of Cyber Risk Management](#)

[Don't Wake Up to a Ransomware Attack - 1 Hour](#)

[Introduction to Cyber Intelligence - 2 Hours](#)

[Don't Get Caught in the Storm - Protecting Your Cloud Assets - 1 Hour](#)

[Cyberessentials - 1 Hour](#)

[https://fedvte.usalearning.gov/public\\_fedvte.php](https://fedvte.usalearning.gov/public_fedvte.php)

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# Resources for skill development & workforce

**NICCS™**  
NATIONAL INITIATIVE FOR CYBERSECURITY CAREERS AND STUDIES

Training ▾ Formal Education ▾ Workforce Development ▲ About NICCS ▾

Home » Training » NICCS Education and Training Catalog » Federal Virtual Training Environment (FedVTE)

## Federal Virtual Training Environment (FedVTE)

Items per page  Displaying 1 - 20 of 91 Courses

Course Name	Delivery Method
(ISC)2 (TM) CISSP (R) Certification Prep 2018	Online, Self-Paced

**NICE Cybersecurity Workforce Development**  
NICE Cybersecurity Workforce Framework  
NICE Framework Mapping Tool  
Cyber Career Pathways Tool  
Cybersecurity Resources  
Cybersecurity Careers

**FedVTE**  
FEDERAL VIRTUAL TRAINING ENVIRONMENT  
Contact Information

<https://niccs.cisa.gov/training/search/federal-virtual-training-environment-fedvte>

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# NCSC Awareness Materials

- [Social Media Deception](#)
- [Social Engineering](#)
- [Spear phishing 2017](#)
- [Spear Phishing \(30 second trailer\)](#)
- [Spear Phishing Full Video](#)
- [Social Media Deception Trailer](#)
- [Social Media Deception Full Video](#)
- [Travel Awareness](#)
- [Human Targeting](#)
- [Supply Chain Risk Management](#)
- [Economic Espionage](#)

# Internet Storm Center - Ports

by Reports

Port	Reports
<a href="#">22</a>	159815
<a href="#">2222</a>	59050
<a href="#">445</a>	38593
<a href="#">25</a>	36460
<a href="#">23</a>	28765
<a href="#">443</a>	20471
<a href="#">80</a>	15615
<a href="#">6881</a>	14068
<a href="#">53</a>	13755
<a href="#">3389</a>	7781

by Targets

Port	Targets
<a href="#">22</a>	1360
<a href="#">23</a>	1265
<a href="#">80</a>	854
<a href="#">445</a>	771
<a href="#">8080</a>	764
<a href="#">1433</a>	518
<a href="#">443</a>	435
<a href="#">5555</a>	405
<a href="#">81</a>	384
<a href="#">25</a>	380

by Sources

Port	Sources
<a href="#">445</a>	10811
<a href="#">23</a>	5585
<a href="#">22</a>	4605
<a href="#">1433</a>	3324
<a href="#">80</a>	2905
<a href="#">2222</a>	2497
<a href="#">6881</a>	2476
<a href="#">8080</a>	1928
<a href="#">55361</a>	1331
<a href="#">443</a>	1068

[View Port Report Page](#)

# Internet Storm Center – Top 10 IP Addresses

IP Address	Reports	Target IPs	First Seen	Last Seen
<a href="#">146.088.240.004</a> (US)	258,396	3,606	<a href="#">2020-08-10</a>	<a href="#">2020-11-06</a>
<a href="#">195.054.161.122</a> (RU)	323,802	3,520	<a href="#">2020-08-07</a>	<a href="#">2020-11-06</a>
<a href="#">087.251.074.018</a> (RU)	264,283	3,460	<a href="#">2020-09-04</a>	<a href="#">2020-11-06</a>
<a href="#">045.129.033.129</a> (DE)	439,017	3,451	<a href="#">2020-09-17</a>	<a href="#">2020-11-06</a>
<a href="#">045.129.033.084</a> (DE)	411,349	3,449	<a href="#">2020-09-03</a>	<a href="#">2020-11-06</a>
<a href="#">045.093.201.115</a> (RU)	104,473	3,077	<a href="#">2020-10-18</a>	<a href="#">2020-11-06</a>
<a href="#">045.146.164.085</a> (RU)	135,977	3,040	<a href="#">2020-10-13</a>	<a href="#">2020-11-06</a>
<a href="#">045.129.033.004</a> (DE)	162,892	2,416	<a href="#">2020-07-21</a>	<a href="#">2020-11-05</a>
<a href="#">045.129.033.044</a> (DE)	55,367	2,234	<a href="#">2020-10-16</a>	<a href="#">2020-11-06</a>
<a href="#">005.188.086.206</a> (RU)	204,729	2,179	<a href="#">2020-10-31</a>	<a href="#">2020-11-05</a>

[View Top Sources Page](#)

# Useful InfoSec Links

- Internet Status – 25
- Malware Information – 16
- Security Dashboards – 8
- Security News – 20
- Security Blogs – 38
- Vendor Security Advisories - 14

## Security News

- [The Register](#) \_\_\_\_\_ [vote in favor|against]
- [Threatpost Kaspersky](#) \_\_\_\_\_ [vote in favor|against]
- [Heise Security](#) \_\_\_\_\_ [vote in favor|against]
- [Computerworld Security News](#) \_\_\_\_\_ [vote in favor|against]
- [SecurityNewsPortal](#) \_\_\_\_\_ [vote in favor|against]
- [Info Security News](#) \_\_\_\_\_ [vote in favor|against]
- [Security Week](#) \_\_\_\_\_ [vote in favor|against]
- [Wired Threat Level](#) \_\_\_\_\_ [vote in favor|against]
- [Common Vulnerability Enumeration CVE](#) \_\_\_\_\_ [vote in favor|against]
- [MU Online Cybersecurity News](#) \_\_\_\_\_ [vote in favor|against]
- [Infosecurity](#) \_\_\_\_\_ [vote in favor|against]
- [InfoSec News Information Security Cybersecurity News](#) \_\_\_\_\_ [vote in favor|against]
- [Risky Business Podcast and weekly newsletter Category Podcast](#) \_\_\_\_\_ [vote in favor|against]
- [Cyberscoop](#) \_\_\_\_\_ [vote in favor|against]
- [Network World Security Research Center](#) \_\_\_\_\_ [vote in favor|against]
- [commissum](#) \_\_\_\_\_ [vote in favor|against]
- [CyberSoftcom](#) \_\_\_\_\_ [vote in favor|against]
- [IT Security Jobs](#) \_\_\_\_\_ [vote in favor|against]
- [Computer Security blog](#) \_\_\_\_\_ [vote in favor|against]
- [Cybersecuritycentral](#) \_\_\_\_\_ [vote in favor|against]

## Security Blogs

- [Krebs on Security](#) \_\_\_\_\_ [vote in favor|against]
- [SANS Forensics](#) \_\_\_\_\_ [vote in favor|against]
- [Schneier on Security](#) \_\_\_\_\_ [vote in favor|against]

# SANS Reading Room

## Latest 25 Papers Added to the Reading Room

### Threat Intelligence Solutions: A SANS Review of Anomali ThreatStream

Analyst Paper (requires membership in SANS.org community)

by TJ Banasik - November 2, 2020 in [Intrusion Detection](#), [Threats/Vulnerabilities](#)

- **Associated Webcasts:** [Threat Intelligence Solutions: A SANS Review of Anomali ThreatStream](#)
- **Sponsored By:** [★ Anomali](#)

[+ Overview](#)

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### How to Create a Scalable and Automated Edge Strategy in the AWS Cloud

Analyst Paper (requires membership in SANS.org community)

by Dave Shackelford - October 30, 2020 in [Best Practices](#), [Cloud Security](#)

- **Associated Webcasts:** [How to Create a Scalable and Automated Edge Strategy in the AWS Cloud](#)
- **Sponsored By:** [★ AWS Marketplace](#)

[+ Overview](#)

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### Fear of the Unknown: A Metanalysis of Insecure Object Deserialization Vulnerabilities

by Karim Lalji - October 28, 2020 in [Penetration Testing](#)

[+ Overview](#)

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### Verifying Universal Windows Platform (UWP) Signatures at Scale

SANS.edu Graduate Student Research

by Joal Mendonsa - October 28, 2020 in [Intrusion Detection](#), [Incident Handling](#), [Microsoft Windows](#), [Threat Hunting](#)

[+ Overview](#)

[📄 Download](#)

# Response assistance & Resources

**Current FIRST SIGs**

**Academic Security SIG**  
Space for discussion in order to reflect on our collective experiences, focus on current challenges and envision strategies on how we could work together to improve security in academic environments.

**Big Data SIG**  
Incident Detection and Response at Scale.

**CSIRT Framework Development SIG**

**Events at spotlight**

32<sup>ND</sup> ANNUAL | NOVEMBER 16-18, 2020  
**FIRST CONFERENCE**  
VIRTUAL EDITION | WHERE DEFENDERS SHARE  
**REGISTER NOW**

**What's New**

FIRST launches ethics for incident response teams on October 21, 2020

**October 21, 2020** – consultation, the Forum of Incident Response and Security Teams (FIRST) is launching new ethics for incident response teams on today on Global Ethics Day. This provides guidance for professionals on how to help themselves professionally during incidents. This is a Global Ethics Day opportunity for organizations to explore the meaning of ethics.

**FIRST is the global Forum of Incident Response and Security Teams**

<https://www.first.org/>







11/6/2020

# FIRST Teams

This is a list of the contact information for incident response teams participating in FIRST, the Forum of Incident Response and Security Teams. The teams are responsible for providing FIRST with their latest contact information for this page. The list is alphabetized by team name. All telephone numbers are preceded with the appropriate country code.

**Team contact information provided for Incident Response purposes only. FIRST strictly prohibits the use of contact information for solicitation or marketing.**

Search FIRST Teams There are 540 Teams.

Team	Official Team Name	Country
AB-CSIRT	Alpha Bank Computer Security Incident Response Team	 GR
Accenture	Accenture Cyber Fusion Center	 CZ
Access Now Digital Security Helpline	Access Now Digital Security Helpline	 CR
ACKCERT	Ackcent CERT	 ES
ACOnet-CERT	ACOnet-CERT	 AT
Acuity Brands PSIRT	Acuity Brands Product Security Incident Response Team	 US

<https://www.first.org/members/teams/>

11/6/2020


# FIRST Team – contact info, eg

## Acuity Brands PSIRT

### Team Information

Team name	Acuity Brands PSIRT
Official team name	Acuity Brands Product Security Incident Response Team
Member since	August 27, 2018
Host organization	Acuity Technology Group
Country of team	United States of America (the)  US
Date of establishment	2018-08-28
Website	<a href="https://acuitybrands.com">https://acuitybrands.com</a> 

### Team Contact Information

Regular telephone number	6145194715
Emergency telephone number	9198222162
E-mail address	<a href="mailto:psirt@acuitybrands.com">psirt@acuitybrands.com</a> 
Postal address	One Lithonia Way Conyers, GA 30012

[https://www.first.org/members/teams/acuity\\_brands\\_psirt](https://www.first.org/members/teams/acuity_brands_psirt)

11/6/2020

# Log Protection

- logs contain records of system and network security
- they need to be protected from breaches of their confidentiality and integrity
- Improperly securing - intentional and unintentional alteration and destruction
  - May allow malicious activity to go on unnoticed
  - For example, many rootkits are specifically designed to alter logs
- Protect availability of logs – maximum size / overwriting

# Maximizing Log value

- Identify as high priority
  - Combat the notion of boring and of low benefit
- Provide sufficient tools
  - Assists with automation
  - Helps to identify patterns that a human will not see
- Provide training for efficient performance
- Reactive tool
  - After an event

# Categorize information

[Sign in](#) | [Contact](#) | [Copyright](#) © 2015—2020 by Forum of Incident Response and Security Teams, Inc. All Rights Reserved.  
Found a bug? E-mail us at [first-website@first.org](mailto:first-website@first.org)

TLP:GREEN

[https://www.first.org/members/teams/acuity\\_brands\\_psirt](https://www.first.org/members/teams/acuity_brands_psirt)

TLP: WHITE





**Disclosure is not limited. Subject to standard copyright rules, TLP: WHITE information may be distributed without restriction.**

<https://www.us-cert.gov/tlp/>

MS-ISAC ADVISORY NUMBER: 2020-148 DATE(S) ISSUED: 11/03/2020

11/6/2020

# Traffic Light Protocol - Definitions

Color	When should it be used?	How may it be shared?
<p><b>TLP:RED</b></p>  <p>Not for disclosure, restricted to participants only.</p>	<p>Sources may use TLP:RED when information cannot be effectively acted upon by additional parties, and could lead to impacts on a party's privacy, reputation, or operations if misused.</p>	<p>Recipients may not share TLP:RED information with any parties outside of the specific exchange, meeting, or conversation in which it was originally disclosed. In the context of a meeting, for example, TLP:RED information is limited to those present at the meeting. In most circumstances, TLP:RED should be exchanged verbally or in person.</p>
<p><b>TLP:AMBER</b></p>  <p>Limited disclosure, restricted to participants' organizations.</p>	<p>Sources may use TLP:AMBER when information requires support to be effectively acted upon, yet carries risks to privacy, reputation, or operations if shared outside of the organizations involved.</p>	<p>Recipients may only share TLP:AMBER information with members of their own organization, and with clients or customers who need to know the information to protect themselves or prevent further harm. <b>Sources are at liberty to specify additional intended limits of the sharing; these must be adhered to.</b></p>
<p><b>TLP:GREEN</b></p>  <p>Limited disclosure, restricted to the community.</p>	<p>Sources may use TLP:GREEN when information is useful for the awareness of all participating organizations as well as with peers within the broader community or sector.</p>	<p>Recipients may share TLP:GREEN information with peers and partner organizations within their sector or community, but not via publicly accessible channels. Information in this category can be circulated widely within a particular community. TLP:GREEN information may not be released outside of the community.</p>
<p><b>TLP:WHITE</b></p>  <p>Disclosure is not limited.</p>	<p>Sources may use TLP:WHITE when information carries minimal or no foreseeable risk of misuse, in accordance with applicable rules and procedures for public release.</p>	<p>Subject to standard copyright rules, TLP:WHITE information may be distributed without restriction.</p>

# US-Cert Alerts

[National Cyber Awareness System](#) > Alerts

Alerts provide timely information about current security issues, vulnerabilities, and exploits. [Sign up](#) to receive these technical alerts in your inbox or subscribe to our [RSS feed](#).

[2020](#) | [2019](#) | [2018](#) | [2017](#) | [2016](#) | [2015](#) | [2014](#) | [2013](#) | [2012](#) | [2011](#) | [2010](#) | [2009](#) | [2008](#) | [2007](#) | [2006](#) | [2005](#) | [2004](#)



[AA20-304A](#) : Iranian Advanced Persistent Threat Actor Identified Obtaining Voter Registration Data

[AA20-302A](#) : Ransomware Activity Targeting the Healthcare and Public Health Sector

[AA20-301A](#) : North Korean Advanced Persistent Threat Focus: Kimsuky

[AA20-296B](#) : Iranian Advanced Persistent Threat Actors Threaten Election-Related Systems

[AA20-296A](#) : Russian State-Sponsored Advanced Persistent Threat Actor Compromises U.S. Government Targets

[AA20-283A](#) : APT Actors Chaining Vulnerabilities Against SLTT, Critical Infrastructure, and Elections Organizations

[AA20-280A](#) : Emotet Malware

[AA20-275A](#) : Potential for China Cyber Response to Heightened U.S.-China Tensions

[AA20-266A](#) : LokiBot Malware

[AA20-259A](#) : Iran-Based Threat Actor Exploits VPN Vulnerabilities

[AA20-258A](#) : Chinese Ministry of State Security-Affiliated Cyber Threat Actor Activity

[AA20-245A](#) : Technical Approaches to Uncovering and Remediating Malicious Activity

[AA20-239A](#) : FASTCash 2.0: North Korea's BeagleBoyz Robbing Banks

[AA20-227A](#) : Phishing Emails Used to Deploy KONNI Malware

[AA20-225A](#) : Malicious Cyber Actor Spoofing COVID-19 Loan Relief Webpage via Phishing Emails

[AA20-209A](#) : Potential Legacy Risk from Malware Targeting QNAP NAS Devices

<https://us-cert.cisa.gov/ncas/alerts>

11/6/2020

# Develop Resources – be selective

Booz | Allen | Hamilton\*



## 8 CYBER THREAT TRENDS TO WATCH IN 2021

Are you ready for the new and evolving cyber challenges 2021 will bring? Read our [2021 Cyber Threat Trends Outlook](#) for a glimpse into next year's cyber threat ecosystem and mitigation recommendations that will keep you ahead of your adversaries.

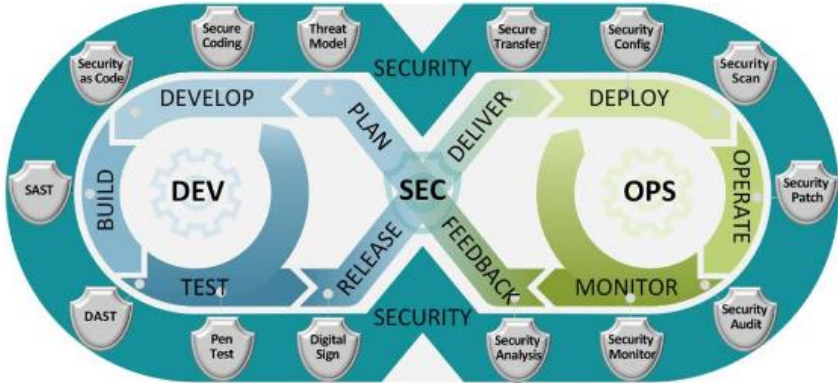
11/6/2020

# DEVSECOPS

DevSecOps is a set of software development practices that combines software development (Dev), security (Sec), and information technology operations (Ops) to secure the outcome and shorten the development lifecycle.






## DEVSECOPS MISSION

The DevSecOps Mission is to develop a Continuous Monitoring (CM) approach for all Department of Defense (DoD) mission partners that monitors and provides compliance enforcement of containerized applications which cover all the DevSecOps pillars (Develop, Build, Test, Release & Deploy, and Runtime) for a secure posture with the focus being on automation and integration going forward.



<https://public.cyber.mil/devsecops/>

# Best network monitoring tools in 2020

	<b>Atera</b> RMM for managed service providers	<a href="#">see details</a>	<a href="#">VIEW NOW AT ATERA</a>
	<b>ConnectWise Automate</b> Optimized RMM automation	<a href="#">see details</a>	<a href="#">VIEW NOW AT CONNECTWISE</a>
	<b>Datadog</b> Cloud monitoring as a service -- woof!	<a href="#">see details</a>	<a href="#">VIEW NOW AT DATADOG</a>
	<b>Icinga</b> Open-source infrastructure monitoring	<a href="#">see details</a>	<a href="#">VIEW NOW AT ICINGA</a>
	<b>LogicMonitor</b> Cloud-based infrastructure monitoring platform	<a href="#">see details</a>	<a href="#">VIEW NOW AT</a>

[Show More \(9 items\)](#) ▾

<https://www.zdnet.com/article/best-network-monitoring-tools/>

11/6/2020

# UPCOMING TRAINING - EVENTS

# ACQUISITION HOUR LIVE WEBINAR SERIES

- November 17, 2020

## **Changes, Delays and Disputes in Federal Construction Contracts**

[CLICK HERE](#) for additional information

Presented by Helen Henningsen, Wisconsin Procurement Institute

- January 20, 2020

## **Acquisition Hour: beta.SAM.gov - An Update and Overview**

[CLICK HERE](#) for additional information

Presented by Kim Garber, Wisconsin Procurement Institute

# CYBER FRIDAY LIVE WEBINAR SERIES

- |                      |  |                     |   |
|----------------------|--|---------------------|---|
| <b>Sept 11, 2020</b> | A Deep Dive into DFARS 252.204-7012 - Looking beyond NIST 800-171 r1               | <b>Dec 4, 2020</b>  | Securing the Supply Chain - "No man is an island"   |
| <b>Sept 25, 2020</b> | Information Security - An overview of programs, general requirements and resources | <b>Dec 18, 2020</b> | Developing and implementing practices, policies and procedures using CMMC reference documents |
| <b>Oct 9, 2020</b>   | Economic Espionage - You have what they want.                                      | <b>Jan 8, 2021</b>  | The other side of CMMC  |
| <b>Oct 23, 2020</b>  | Guarding and Securing Intangibles - Protecting what you cannot see and touch       | <b>Jan 22, 2021</b> | Overview of CMMC Level 1  |
| <b>Nov 6, 2020</b>   | Tools, practices and resources for your cyber-security toolbox                     | <b>Feb 5, 2021</b>  | Embarking on the path to CMMC Level 3   |
| <b>Nov 20, 2020</b>  | An overview of cyber-threats - What you can't see - can put you out of business!   | <b>Feb 19, 2021</b> | Preparing for a CMMC Certification assessment   |
|                      |  | <b>Mar 5, 2021</b>  | CMMC Level 3 - Completing the steps needed to protect Controlled Unclassified Information.    |

## PRESENTED BY



# - SAVE THE DATE -



## December 8-10, 2020

The first virtual marketplace will connect statewide business owners looking to do business with state, federal and local governments, as well as the private sector, in a virtual format over the course of a week.

More info at <https://www.wispro.org/event/marketplace-2020-virtual/>



*Developing and Growing Government Contractors*

## December 8-10, 2020

The Contracting Academy is an opportunity for businesses to grow their technical knowledge of contracting with the State of Wisconsin, Federal Government and Government Prime contractors. This series of workshops will benefit established businesses looking to grow and develop their government sales.

More info at <https://www.wispro.org/event/the-contracting-academy-virtual/>

# A CRITICAL NOTICE FROM WPI

- If you are a current **FEDERAL / DOD CONTRACTOR** or **SUBCONTRACTOR** – you may have **CYBER – DATA SECURITY REQUIREMENTS** in your contract.
- If you are responding to any **CURRENT FEDERAL SOLICITATIONS** - be aware of your obligations:
  - Key clauses are 52.204-21, 252.204-7008 and 252.204-7012
  - Review for other possible requirements
- If you are a **DOD CONTRACTOR** or **SUBCONTRACTOR** – you will have new **CYBER COMPLIANCE – CERTIFICATION REQUIREMENTS** that may impact your business as early as the end of this calendar year.
  - See: <https://www.acq.osd.mil/cmmc> and <https://www.cmmcab.org> for more up to date information.
  - *Contact Marc Violante at WPI - [marcv@wispro.org](mailto:marcv@wispro.org) or 920-456-9990*

# CONTINUING PROFESSIONAL EDUCATION



CPE Certificate available, please contact:

**Benjamin Blanc**

[benjaminb@wispro.org](mailto:benjaminb@wispro.org)

# PRESENTED BY

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