



## OHIO PERSISTENT CYBER IMPROVEMENT

A program of the Ohio Cyber Range Institute

# Ohio Cybersecurity Resources Guide

A comprehensive guide to federal and state cybersecurity resources for Ohioans, providing detailed information on entities offering support, guidance, and services to anticipate and respond to cyber threats.



### Cyberattack Emergency

**In case of a cyberattack, immediate action should be taken.**

Organizations that need assistance responding to a cyber incident, or even to just report a cyber incident has occurred, should take immediate action.

#### Who to call?

Call the **Statewide Terrorism Analysis and Crime Center (STACC)** in accordance with the Cyber Incident Plan. The STACC number is **(844) 55-STACC**. You can also find information on the Ohio Homeland Security's website:

<https://homelandsecurity.ohio.gov/terrorism-and-crime-analysis>



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### Resources Key

- ▶ State of Ohio Resources
- ▶ Federal Resources
- ▶ Non-Profit Resources
- \* Paid Resource

### Frequently Requested Resources: (please note: links to guide resources are subject to change over time.)

**Ohio Department of Higher Education** (ODHE) has TechCred, is a state program supporting employers in offering technology-focused training to their employees by providing credentials that are short-term, industry-recognized, and technology-focused.

**Ohio Cyber Reserve** (OhCR) is a volunteer militia under the Ohio Adjutant General’s Department that is composed of trained civilians who are available to assist organizations with cybersecurity vulnerabilities. Their assistance includes incident response to eligible entities that request its assistance.

**The Multi-State Information Sharing and Analysis Center** (MS-ISAC) is a resource dedicated to improving the overall cybersecurity posture of the United States’ state, local, tribal, and territorial (SLTT) governments via membership, providing updates on emerging cyber threats through daily e-mail alerts.

**Local Government Grant Program** provides grant funding to assist local government entities in migrating to a (.gov) internet domain so all local government websites and email addresses can be more confidently recognized as genuine government information.

**Ohio Homeland Security** has the Statewide Terrorism Analysis & Crime Center (STACC) which is responsible for the gathering, analysis, and sharing of critical information related to threats and criminal activities in all counties in Ohio.

**The National Institute of Standards and Technology** (NIST), a part of the U.S. Department of Commerce, offers resources that include publications across fields of science and technology, such as Cybersecurity Guidelines, Technical Specifications, and Recommendations for Information Security.



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## Education and Training

### ► State of Ohio Resources

- **Ohio Cyber Reserve (OhCR)** offer targeted seminars and sessions designed to help organizations develop and improve their Incident Response Guides (IRG). Ohio Cyber Reserve (OhCR) assists schools in starting or sustaining Cyber Clubs to enhance cybersecurity awareness and skills among youth and provide mentoring in cybersecurity.
- **Cybercrime Support Network (CSN)** partners with Ohio Cyber Collaboration Committee (OC3), providing education and resources to service members and veterans to protect against fraud and scams. It offers in-person workshops, speaking engagements, outreach, educational materials, and customized solutions tailored to organizational needs. Romance Scam Survivors program which provides mental well-being guidance, cybercrime education, and monitored post-session communications.
- **Ohio Department of Education / Sinclair Community College** in partnership with D2L offers Free (Intro to Cyber Security) Training for leaders and administrators of K-12 schools' systems to learn about the specific needs and challenges of identifying cyber-attacks on schools.
- **Ohio CyberClub Toolkit (OC2)** offers guidance and resources for advisors on starting and managing cyber clubs within schools or organizations.
- **Ohio Department of Higher Education (ODHE)** supports businesses by offering technology-focused training to their employees by providing credentials that are short-term, industry-recognized, and technology-focused through **TechCred**.
- **Ohio Cyber Range Institute (OCRI)** offers Cybersecurity Education Programs for various audiences. For K-12 students and teachers, OCRI provides virtual lab environments and education resources categorized by the NICE framework, supporting cybersecurity education with modules and lessons.

The OCRI facilitates access to the Ohio Cyber Range (OCR) Virtual Cloud environment for educators or professionals involved with Cybersecurity education. Ohio Cyber Range Institute (OCRI) offer virtual bootcamps designed to prepare students and adult learners for industry-recognized certifications and develop hands-on skills for immediate workforce readiness. Ohio Cyber Range Institute (OCRI) facilitate cyber exercises that include practical cybersecurity education opportunities, enhancing the skills of both students and adult learners and connecting academic and industry researchers to create a network of talented professionals across the state.



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## Education and Training

### ► State of Ohio Resources

- **Ohio Homeland Security** offers [The Critical Infrastructure and Cyber Protection Program](#) to enhance cybersecurity across the state by developing and promoting various cybersecurity programs and services.
- **The Ohio State University** offers cybersecurity for small business as a pilot program. For the state's 2.2 million small business employees, the Ohio Cybersecurity for Small Businesses Pilot will educate, train, mentor and improve small businesses' ability to mitigate cybersecurity threats. Funded in part through a Cooperative Agreement with the U.S. Small Business Administration, this program is designed to lead small businesses through steps to identify cybersecurity threats, respond to cybercrimes and develop resilient infrastructure.

### ► Federal Resources

- **The Cybersecurity and Infrastructure Security Agency (CISA)**, under the Department of Homeland Security (DHS), provides the [Federal Virtual Training Environment \(FedVTE\)](#), offering over 850 hours of online cybersecurity training on topics such as cloud security, ethical hacking, risk management, and malware analysis. CISA provides resources through the [CISA Gateway](#), a web portal that gives authorized users access to tools and information for cybersecurity and critical infrastructure protection. CISA provides program resources, including the [K-12 School Security Guide \(3rd Edition\)](#) and [School Security Assessment](#), to support schools in conducting vulnerability assessments and implementing layered physical security elements.
- **The National Security Agency (NSA)** offers cybersecurity services and resources including the [NSA Cyber Exercise \(NCX\)](#), an annual competition that challenges students in near full-spectrum cyber operations.
- **CyberPatriot** is the National Youth Cyber Education Program created by the Air & Space Forces Association. The program includes different paths of cyber education like the [National Youth cyber defense competition](#) where high school and middle school students work to secure virtual networks, the AFA CyberCamps that provide students with cybersecurity training opportunities, the [Elementary School Cyber Education Initiative](#) which introduce cybersecurity concepts to younger students, [CyberGenerations](#), a senior citizen cyber safety initiative, and [Tech Caregivers Program](#) that encourages cyber-savvy volunteers to give back to their communities.



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## Education and Training

### ▶ Nonprofit – Resources

- **CAE** is an educational institution and nonprofit organization and considered a Center of Academic Excellence in Cybersecurity, providing cybersecurity education in the US for citizens and governments.

## Incident Reporting and Response

### ▶ State of Ohio Resources

- **Ohio Cyber Reserve (OhCR)** is a volunteer militia under the Ohio Adjutant General's Department composed of trained civilians who are available to assist organizations with cybersecurity vulnerabilities. Their assistance includes incident response to eligible entities that request it.

### ▶ Federal Resources

- **U.S. Secret Service Electronic Crimes Task Force**  
Cleveland ECTF: 216-750-2058 | Cincinnati ECTF: 513-684-3585  
Local Field Offices: [secretsservice.gov/contact](https://secretsservice.gov/contact)
- **Federal Bureau of Investigation Cyber Task Forces**  
Cleveland Office: 216-522-1400 | Cincinnati Office: 513-421-4310
- **Internet Crime Complaint Center**  
The FBI combats financial crimes targeting seniors through the Internet Crime Complaint Center (IC3), where [elder fraud can be reported](#).
- **The Cybersecurity and Infrastructure Security Agency (CISA)**, under the Department of Homeland Security (DHS), provides resources through various programs, including the [Regional Cybersecurity Advisor \(CSA\) program](#). CISA's work is supported by personnel in its 10 regional offices. Ohioans can contact the Region 05 office to connect with a CSA for cybersecurity-related support.
- **The Multi-State Information Sharing and Analysis Center (MS-ISAC)** is a resource dedicated to improving the overall cybersecurity posture of the United States' state, local, tribal, and territorial (SLTT) governments via membership. It Provides updates on emerging cyber threats through daily e-mail alerts.



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## ► Federal Resources

- **E-ISAC** (Electricity Information Sharing and Analysis Center) offers membership to North American electric and natural gas industry asset owners and operators. Physical and cyber security professionals at these organizations will especially benefit from joining the E-ISAC.
- **Information Sharing and Analysis Organizations (ISAOs)** support information sharing between organizations including those beyond traditional critical infrastructure sectors, to better respond to cyber risk in as close to real time as possible.
- **Elections Infrastructure Information Sharing & Analysis Center (EI-ISAC)** works closely with election officials and security and technology personnel to provide the highest standards of election security, including incident response and remediation through their team of cyber experts.

## Grants and Financial Assistance

### ► State of Ohio Resources

- **Local Government Grant Program** provides grant funding to assist local government entities in migrating to a (.gov) internet domain so all local government websites and email addresses can be more confidently recognized as genuine government information.
- **CyberOhio** facilitates access to federal and local grants for cybersecurity.
- **The Ohio Secretary of State** has instructed boards of elections to enhance security through a series of cybersecurity directives, supported by grants aimed at improving election security and accessibility, covering IT needs such as cybersecurity liaisons, network intrusion detection, security information and event management logging, endpoint detection and response solutions, and malicious domain blocking.

## Collaboration and Best Practices

### ► State of Ohio Resources

- **Ohio Department of Higher Education (ODHE)** facilitates access to OARnet which is an integral part of the Ohio Technology Consortium (OH-TECH) and is dedicated to delivering technology solutions that reduce costs, enhance productivity, and improve customer service for Ohio's education, health care, public broadcasting, and government communities.





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## Collaboration and Best Practices

### ► State of Ohio Resources

- **\*The Northeast Ohio Cyber Consortium (NEOCC)** is a collaborative initiative that enhances cybersecurity resilience across industries in Northeast Ohio by building a trusted network of organizations to protect assets, create safer communities, and advance technology leadership, offering [peer-led best practices programs](#) in areas like risk, privacy, and security education.

### ► Federal Resources

- **The National Security Agency (NSA)** offers cybersecurity services including the [Cybersecurity Collaboration Center](#) to promote public-private partnerships to enhance cybersecurity outcomes.
- **The National Cyber Watch Center** is a consortium of public and private organizations that work together to improve cybersecurity education and strengthen the national cybersecurity workforce.
- **\*InfraGard** is a partnership between the FBI and members of the private sector for protection of critical infrastructural, using a web portal and chapters across the country to provide for public-private collaboration, timely information exchange and mutual learning opportunity.

## Cybersecurity Tools and Resources

### ► State of Ohio Resources

- **Ohio Cyber Collaboration Committee (OC3)**, maintains a dedicated [Cyber news blog](#) with updates on incidents, law enforcement actions, security alerts, and more. OC3 provides access to the [SecuLore Cybersecurity Solutions archive](#), a resource for monitoring cyber-attacks on critical infrastructure since 2021. OC3 offers the CyberSeek [Cybersecurity Supply/Demand Heat Map](#), a tool with insights into the cybersecurity workforce landscape, including data on job supply and demand. Finally, facilitating access to [Scam Spotter](#) site and is designed to help individuals detect and avoid scams.
- **The Ohio Auditor of State** has cybersecurity resources available for Ohio's local governments.
- **The Ohio Department of Administrative Services** offers a list of Ohio laws that are related to technology use, the internet, cybersecurity, and incident response.
- **Ohio Homeland Security** has the Statewide Terrorism Analysis & Crime Center (STACC), gathering, analyzing, and sharing of critical information on threats and criminal activities in all counties in Ohio.



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## Cybersecurity Tools and Resources

### ► Federal Resources

- **The Federal Bureau of Investigation (FBI)** provides cybersecurity support by sharing updated intelligence on cyber incidents, including threats, vulnerabilities, and attack methods, with federal, state, and local law enforcement agencies, private sector partners, and international allies.
- **The Cybersecurity and Infrastructure Security Agency (CISA)** provides services to build cybersecurity infrastructure, including access control policies, account management, Adblock tools, Wi-Fi security assessment tools like Aircrack-ng, threat intelligence from Alien Labs Open Threat Exchange (OTX), and anti-phishing training support. In addition, it provides Cyber Hygiene Services that aims to secure internet-facing systems from weak configurations and known vulnerabilities.  
  
Organizations can enroll and request these services by emailing CISA. CISA facilitates access to the Infrastructure Survey Tool (IST), a voluntary, web-based assessment designed to evaluate and enhance the security and resilience of facilities. Facility owners can request IST services directly from CISA. Finally, it provides resources through various programs, including the Cybersecurity Performance Goal (CPG) Assessment. CISA's CPGs are a set of practices that all organizations should implement to initiate their cybersecurity efforts.
- **The National Institute of Standards and Technology (NIST)**, a part of the U.S. Department of Commerce, offers publications across fields of science and technology, such as Cybersecurity Guidelines, Technical Specifications, and Recommendations for Information Security.
- **The National Security Agency (NSA)** offers a range of Cybersecurity Products & Services, offering guidance, best practices, information sharing, encryption standards, tools, and insights into threat intelligence and assessments.
- **United States Secret Service** investigates cybercrimes and offers support through the Cyber Incident Response Planning Guides that help organizations prepare for, prevent, and respond to cyber attacks. The United States Secret Service contributes to Stop Ransomware campaign, offering resources related to mitigating and responding to ransomware attacks.
- **The Federal Emergency Management Agency (FEMA)** assists in preparing the communities to deliver critical services under a cyberattack within the National Continuity Program.

### ► Nonprofit –Resources

\***Information Systems Security Association (ISSA)** is a nonprofit promoting effective cybersecurity services.





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## Research and Development

### State of Ohio Resources

- **Ohio Cyber Range Institute (OCRI)** offers research opportunities to support economic development, such as investments in infrastructure, technology, education to foster entrepreneurship and innovation.

### Federal Resources

- **The National Institute of Standards and Technology (NIST)**, a part of the U.S. Department of Commerce, enhances cybersecurity through research, development, and standardization services offered through NIST's laboratories and major programs across various fields.

## Regulation and Compliance

### State of Ohio Resources

- **Ohio Cyber Collaboration Committee (OC3)** provides best practices for cybersecurity defense, including adaptation of NIST frameworks, securing home networks, identity and access management, online safety, strong password selection, MFA, and phishing prevention.

### Federal Resources

- **The National Institute of Standards and Technology (NIST)** enhances cybersecurity through essential cybersecurity frameworks, highlighted by the recent update of its landmark Cybersecurity Framework (CSF) to version 2.0, which emphasizes governance and supply chain security and offers expanded guidance and resources for organizations globally. NIST offers guidance to help organizations assess risk and comply with regulatory requirements, including mappings to globally recognized standards.
- **The National Security Agency (NSA)** offers cybersecurity services including information on the post-quantum standardization effort.