General Cybersecurity Recommendations

The State of TN supports and provides cyber services and solutions that can improve your cybersecurity posture.
Aligned with the NIST Cybersecurity Framework (CSF) functions, these solutions and services are available to your organization.

IDENTIFY
Provides **awareness of cybersecurity risk**

PROTECT
Safeguards to **ensure delivery of critical infrastructure** services

DETECT
Enables **timely discovery of cybersecurity** events

RESPOND
Delivers actions following a **cybersecurity incident**

RECOVER
Restores impaired capabilities due to a cybersecurity incident

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Cyber Program

Leverage NIST SP 800-53 and Cybersecurity Framework to build a NIST aligned cybersecurity program.

MS-ISAC Registration

Register with MS-ISAC to receive e-newsletters, cyber advisories, cyber updates and the latest cyber intelligence.

Enterprise Information Security Policies

Utilize the Strategic Technology Solutions (STS) Enterprise Information Security Policies (EISP) to guide your documentation process.

Cyber Hygiene Services

Utilize scanning and testing services, offered at no cost by the Cybersecurity and Infrastructure Security Agency (CISA) to mitigate attack vectors and reduce threat exposure.

OWASP Top Ten

Take advantage of the OWASP Top Ten, a standard awareness document for developers and web application security representing a broad consensus about the most critical security risks to web applications.

Baseline Configurations

Download Benchmarks provided by Centers of Internet Security (CIS) and review items such as configuration recommendations for over 25 vendor product families.

Vulnerability Assessments

Utilize Center for Internet Security (CIS) Network Vulnerability Assessment Services and Web Application Vulnerability Assessment Services to proactively secure web applications.

Cyber Information Repository

cybersafetn.gov

Network Monitoring

Leverage MS-ISAC's Security Operations Center (SOC) which provides units that monitor, analyze, and respond to cyber incidents targeting local government organizations.

Incident Response Plan

Leverage NIST's industry leading Computer Security Incident Handling Guide (NIST SP 800-61 Revision 2) to develop an Incident Response Plan for your organization.

Incident Response Support

Partner with the MS-ISAC Cyber Incident Response Team to support your response to a cyber incident, including log analysis, mitigation recommendations, and incident summaries.

Business Continuity /Disaster Recovery Plan

Develop a Contingency Plan for your organization based on NIST's industry leading NIST Special Publication 800-34 Rev. 1.

Incident Response & Recovery Exercises

Utilize CIS tabletop exercises to help organizations consider different risk scenarios, to work through tactical strategies for securing your systems.

Grant-funded Resources for Cybersecurity Improvement

Security Awareness and Training Resources

- **Federal Virtual Training Environment** (FedVTE) offers no cost online cybersecurity training to everyone with a ".gov" email address.

- **Pluralsight technical training** has wide range of courses covering topics such as cybersecurity, cloud computing, software development, project management, networking. Email: ITtraining.localgovernment@tn.gov for more information.

- **Infosec IQ** offers security awareness training and phishing simulation. Reach out to cybersafetn@tn.gov for more information about the two procurement options:
  - **Federal Grants for Local Entities:** Apply for DHS/SLCGP grant funds and services.
  - **Negotiated Rate:** Purchase licenses at a state-negotiated reduced rate.

Resources for Procuring Security Services

- **Information Security Assessment and Consulting Services (ISACS)** assists in strengthening the State's IT security posture. This includes information security assessment and penetration testing, data loss prevention consultation, and incident response consultation. Email: ncsr@tn.gov for more information.

- **Strategic Technology Solutions (STS) Standard Product List** includes STS vetted solutions that are currently utilized by STS and supported organizations. Email: ncsr@tn.gov for more information.

- **For Public Colleges and Universities: Cyber Insurance** is offered by State Treasury. For more information see their Cyber Incident Response Plan web page.

- **Federal Grants for Local Entities:** Apply for DHS/SLCGP grant funds and services.

For more information regarding state supported cybersecurity services and solutions, please contact us at NCSR@TN.gov