How resilient is your cybersecurity program?

How SAO is helping government prepare for cyber threats

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Washington Public Ports Association October 26, 2023



Office of the Washington State Auditor



Today's agenda

01 What's going on in local audit

02 Resources at your fingertips

03 Cyber checkups

- Purpose
- Process
- Other audits

04 Q&A





RCW 43.09.185

Updated in 2022:

"State agencies and local governments shall immediately report to the state auditor's office known or suspected loss of public funds or assets or other illegal activity. The state auditor must adopt policies as necessary to implement this section."



SAO's new loss reporting policy

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General Loss Reporting Policy (effective August 17, 2023)

SAO is in the process of adding additional sections to this policy, which will clarify fraud reporting requirements for specific government entities and agencies. We will publish new sections of the policy on this page as they are finalized.

Expand all

Overview

Section 1: Losses or Illegal Activities Exempt from Reporting Requirement

Section 2: Clarification of Losses to Report Cybersecurity Incidents

For questions about fraud procedures or the fraud program, contact us at fraud@sao.wa.gov.



Do not need to report:

- Unauthorized credit card attempts and/or transactions initiated by an external party, that are determined fraudulent by the bank and refunded.
- Loss of cellphones, tablets, laptops or similar type assets assigned to employees that were stolen by an external party.

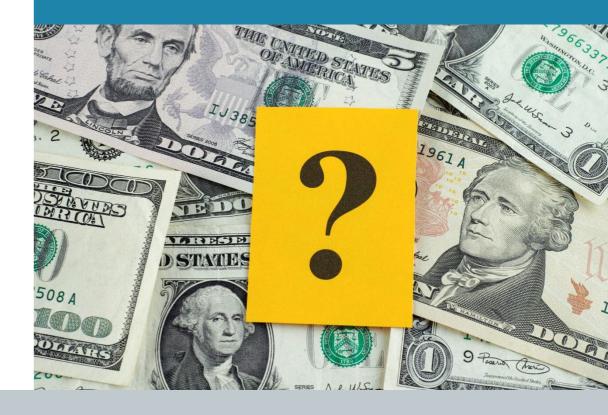


Reporting exceptions

If employee involvement cannot be ruled out in any of the listed exemptions, governments should report the loss or illegal activity to SAO.

"Employee involvement" means the scheme involved or was carried out by an employee of the affected government.

If in doubt, report it!





Reminder! Do report:

Cybersecurity incidents that involve the finances or financial records in some way.

- Payment to a criminal actor (even if your insurance paid it or reimbursed you).
- Ransomware or other unauthorized access where it's possible they accessed any financial records (even if no harm or no ransom paid).



Reporting cyber losses

The Center's resource library can help you manage your port's day-to-day business

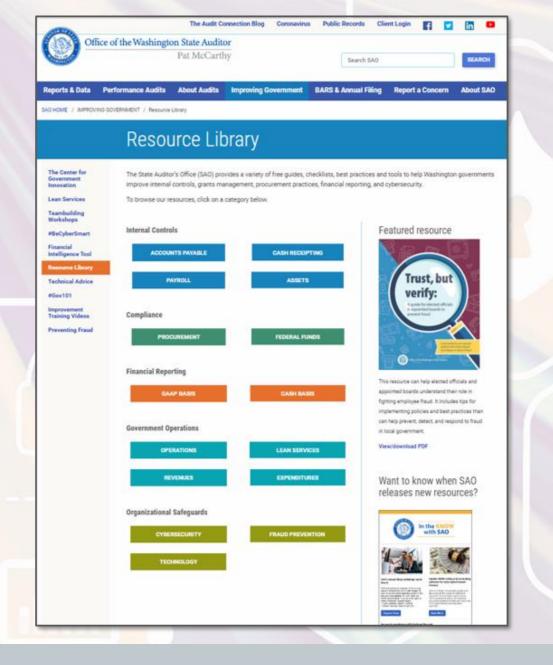


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Online Resource Library







Helpful checklists

- Resource is regularly updated
- Customizable
- Logical categories
- Useful for more than just the preparer
- Gives insight into future best practices



Earn CPE with our free, ondemand training



Looking to improve your internal controls? The Center can help!



Cyber resources & training from the Center





Cyber resources by role

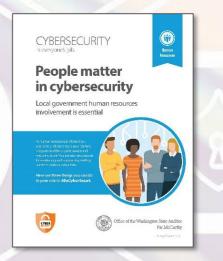














Other cyber resources





Subscribe to SAO's e-newsletter



Two ways to sign up:

- 1. Via SAO's website at sao.wa.gov
- 2. Use the QR code below:





Types of cyber work at SAO

		Engagement Type			
		Cyber Checkup	Critical Infrastructure Audit	Ransomware Resiliency Audit	CIS Safeguards Audit
Types of Work	Controls Assessment	Interviews, documentation, & limited evidence	Limited to one interview w/o evidence	Interviews, documentation, evidence, & technical testing	Interviews, documentation, evidence, & technical testing
	External Penetration Testing	No	Unauthenticated only	No	Comprehensive, depending on scope
	Internal Penetration Testing	No	No	No	Comprehensive, depending on scope
	In-house technical Testing	Limited	No	Comprehensive, depending on scope	Comprehensive, depending on scope

Program goal

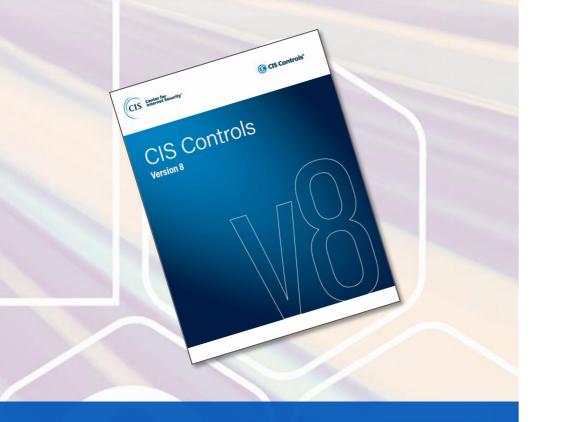
To help local governments understand and build their own cybersecurity programs to minimize their risk of attack, data breach and/or financial loss

Target audience

- Smaller local governments
- Those that have experienced a confirmed or suspected cybersecurity breach
- Those who are on SAO's IT Audit waiting list and match the other selection criteria







Cyber Checkups

What is a cyber checkup?

A free, 20-point inspection that diagnoses cybersecurity gaps that could leave a government vulnerable to common threats and offers recommendations on how to address them.

What are they based on?

- The framework provided by the Center for Internet Security's (CIS) Critical Security Controls, Version 8.0.
- SAO's cybersecurity audits are based on the same control framework.

Control selection guidelines

- No external software needed for testing, and it's noninvasive
- No elevated privileges required for the testing
- No IT experience needed to answer questions
- Tests could be done quickly
- Were in CIS Controls implementation group 1





Cyber checkup process

01
Initial inquiry

02Questionnaire
& policies

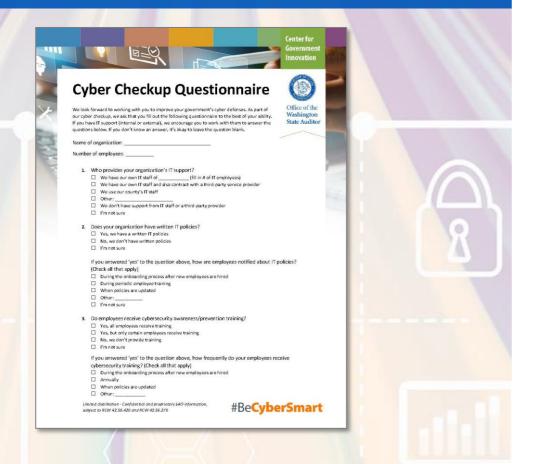
03Meet with client

06
Review results with specialist

05
Results & suggestions

04System review

Questionnaire



20 questions with multiple choice answers or short responses

Questions address specific questions

Typical user can answer



IT policies

Incident response plan

Systems settings review

Additional info

City of Mayberry Information Technology	No: 2017-003	
IT Standard	Updated: June 2022	
Remote Access	Issued By: Mayor	
	Owner: City Administrator	

1.0 Purpose and Benefits

The purpose of this standard is to establish authorized methods for remotely accessing resources and services securely.

Major security concerns with remote access include the lack of physical security controls, the use of unsecured networks, the connection of infected devices to internal networks, the availability of internal resources to external hosts, potential damage to resources, and unauthorized access to information.



Summary



Summary document

Executive summary

Introduce other Center services

Grouped together

Dashboard on a single page

Color-coordinated by area

Overview





Safeguards



Detailed description

Consistent layout

Observations during checkup

Recommendations



Questions?







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LinkedIn: Washington State Auditor's Office





Cybersecurity Awareness

OR OF STATE OF STATE

Sign up for quick-assessment "cyber checkups" offered by the Center

Introducing audits to address attacks that result in government "cyber losses," including ransomware attacks

Adding 18 additional governments to our critical infrastructure audit project

Conducting more full cybersecurity audits of local governments

