sba.gov/nsbw

Overview of the NIST Small Business Cybersecurity Corner

May 2, 2023

This webinar is being recorded

NIST | NATIONAL CYBERSECURITY CENTER OF EXCELLENCE

nccoe.nist.gov

2023 National Small Business Week

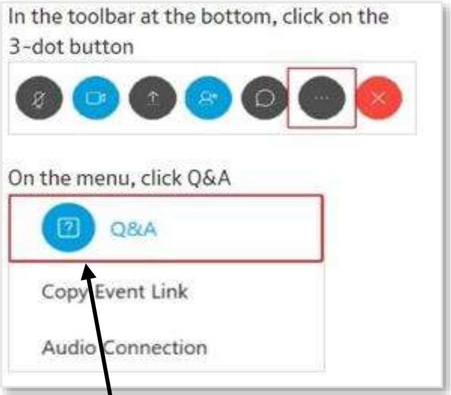
April 30–May 6, 2023

U.S. Small Business
Administration

sba.gov/nsbw

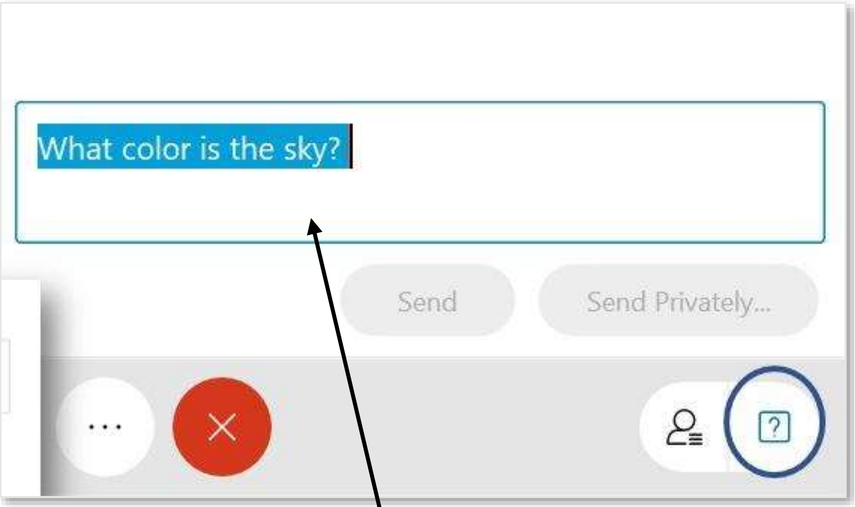
Submitting Questions

Please use the Q&A window to enter your questions.



In the toolbar at the bottom, click on the 3-dot button

On the menu, click Q&A



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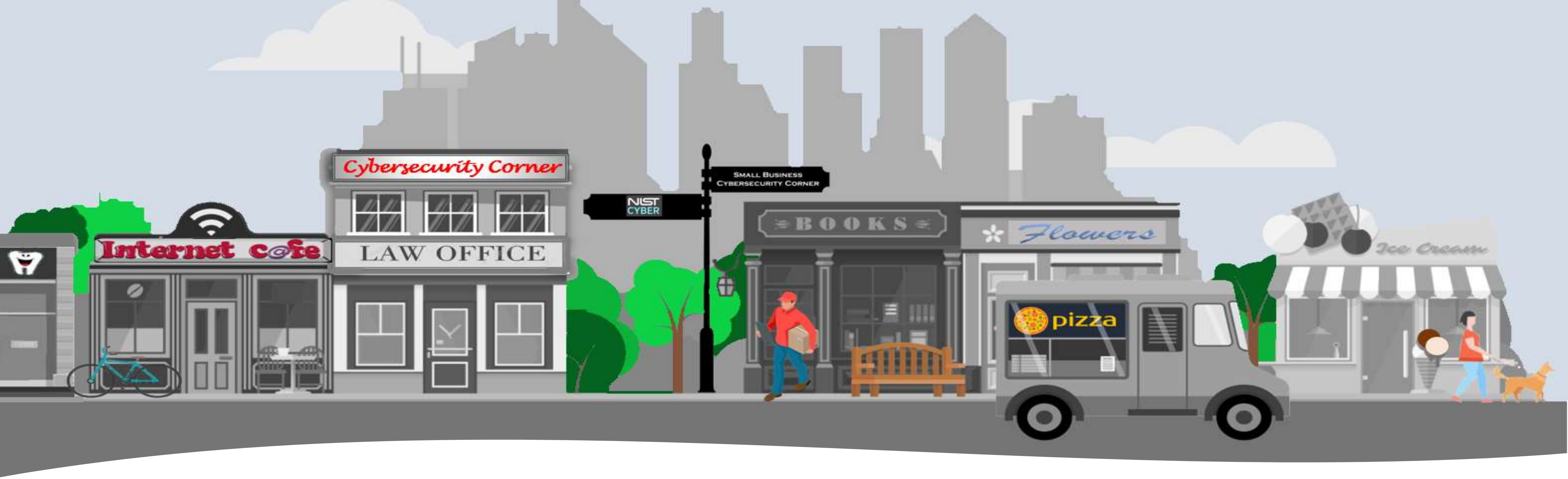
1. To open the Q&A panel, click on the ellipses at the bottom of the screen for 'More Panels' and click on Q&A.

2. Type your question in the text box and click Send

Helping the Nation's Small Business Community Identify, Assess, Manage, and Reduce their Cybersecurity Risks

NIST NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE



Join the Small Business Community of Interest

Convening companies, trade associations, and others who can share business insights, expertise, challenges, and perspectives to guide our work and assist NIST to better meet the cybersecurity needs of small businesses.

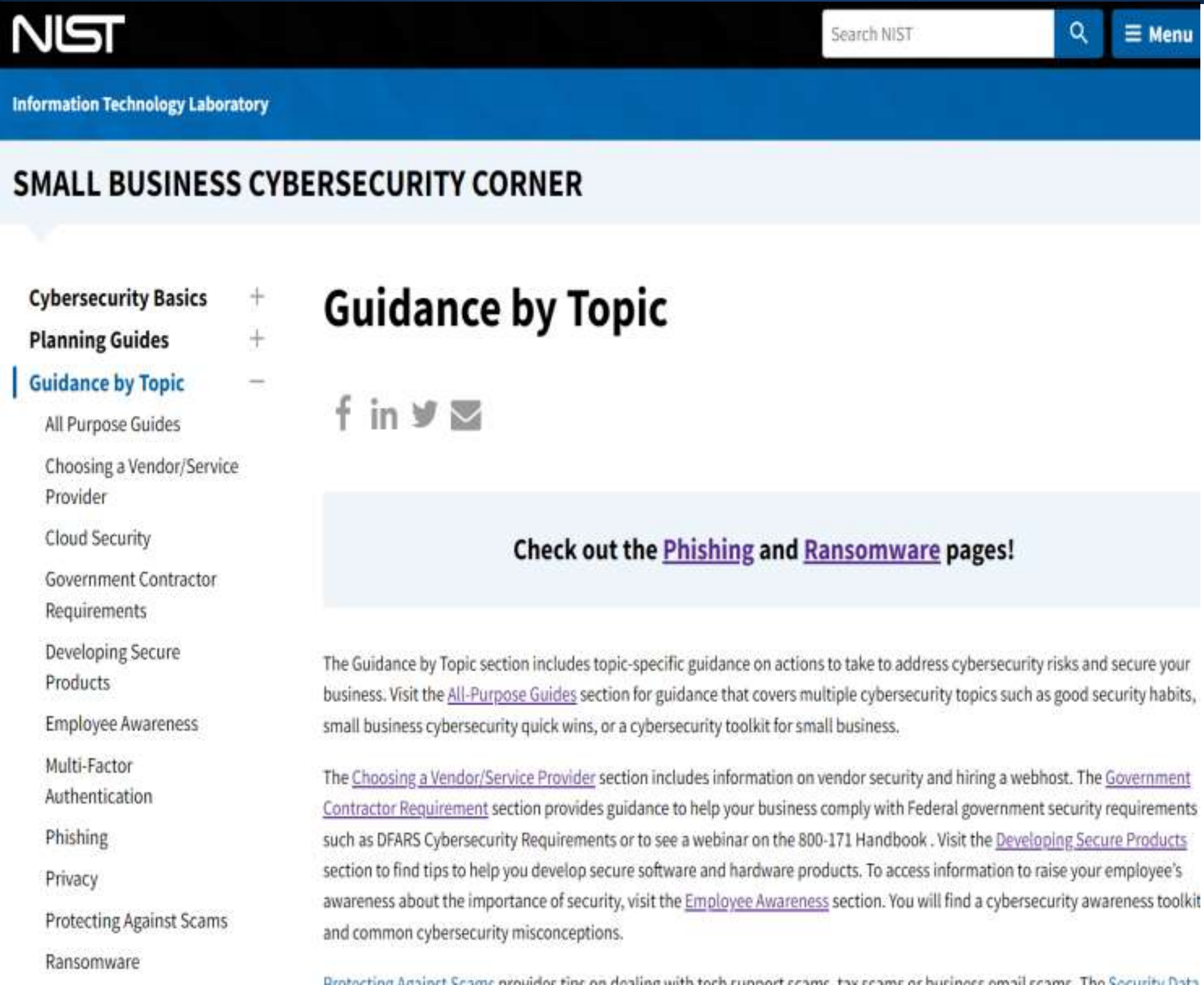
Join Here: www.nist.gov/itl/smallbusinesscyber/about-contact-us/subscribe

NIST Small Business Cybersecurity Corner

www.nist.gov/itl/smallbusinesscyber

Your resource for keeping your small business secure.

Guidance by Topic



SMALL BUSINESS CYBERSECURITY CORNER

Guidance by Topic

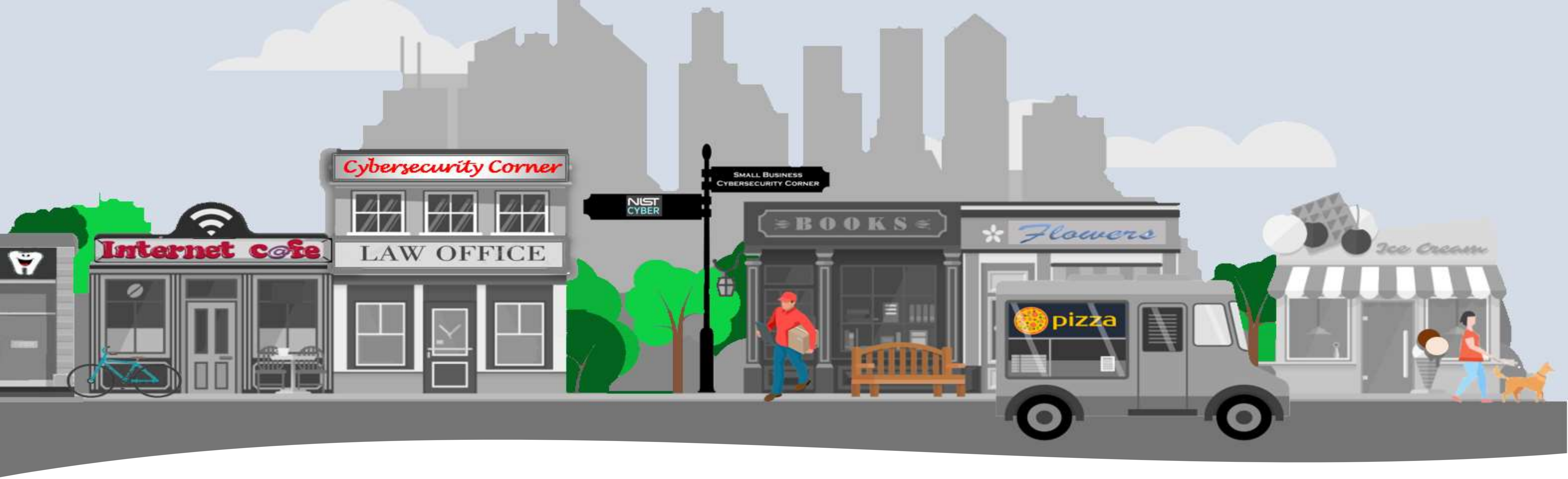
Check out the Phishing and Ransomware pages!

The Guidance by Topic section includes topic-specific guidance on actions to take to address cybersecurity risks and secure your business. Visit the All-Purpose Guides section for guidance that covers multiple cybersecurity topics such as good security habits, small business cybersecurity quick wins, or a cybersecurity toolkit for small business.

The Choosing a Vendor/Service Provider section includes information on vendor security and hiring a webhost. The Government Contractor Requirement section provides guidance to help your business comply with Federal government security requirements such as DFARS Cybersecurity Requirements or to see a webinar on the 800-171 Handbook . Visit the Developing Secure Products section to find tips to help you develop secure software and hardware products. To access information to raise your employee's awareness about the importance of security, visit the Employee Awareness section. You will find a cybersecurity awareness toolkit and common cybersecurity misconceptions.

Protecting Against Scams provides tips on dealing with tech support scams, tax scams or business email scams. The Security Data

- ✓ All-Purpose Guides
- ✓ Choosing A Vendor/Service Provider
- ✓ Cloud Security
- ✓ Government Contractor Requirements
- ✓ Developing Secure Products
- ✓ Employee Awareness
- ✓ Multi-Factor Authentication
- ✓ Phishing
- ✓ Privacy
- ✓ Protecting Against Scams
- ✓ Ransomware
- ✓ Securing Data and Devices
- ✓ Securing Network Connections
- ✓ Telework



Cybersecurity Basics

Cybersecurity Risks

For Managers

Case Study Series

Glossary

Planning Guides

Planning Tools & Workbooks

NIST Cybersecurity Framework

Responding to a Cyber Incident

Training

Videos

Partners

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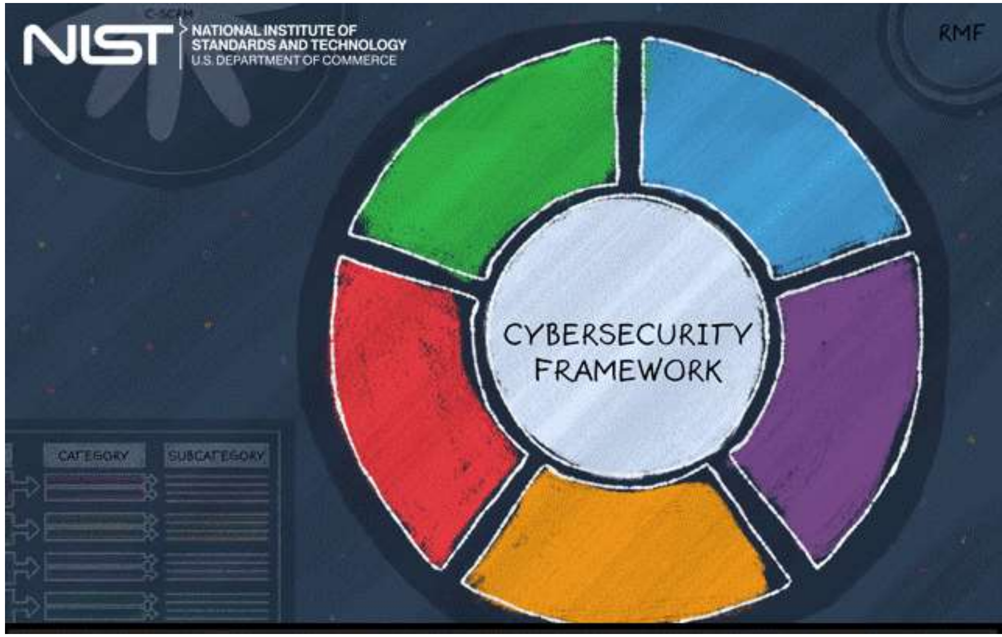
NIST Cybersecurity Framework for SMB

- NIST's Cybersecurity Framework Quick Start Guide
- FTC's Cybersecurity for Small Business
- MEP's Cybersecurity Framework Steps for Small Manufacturers
- NIST Small Business Information Security: The Fundamentals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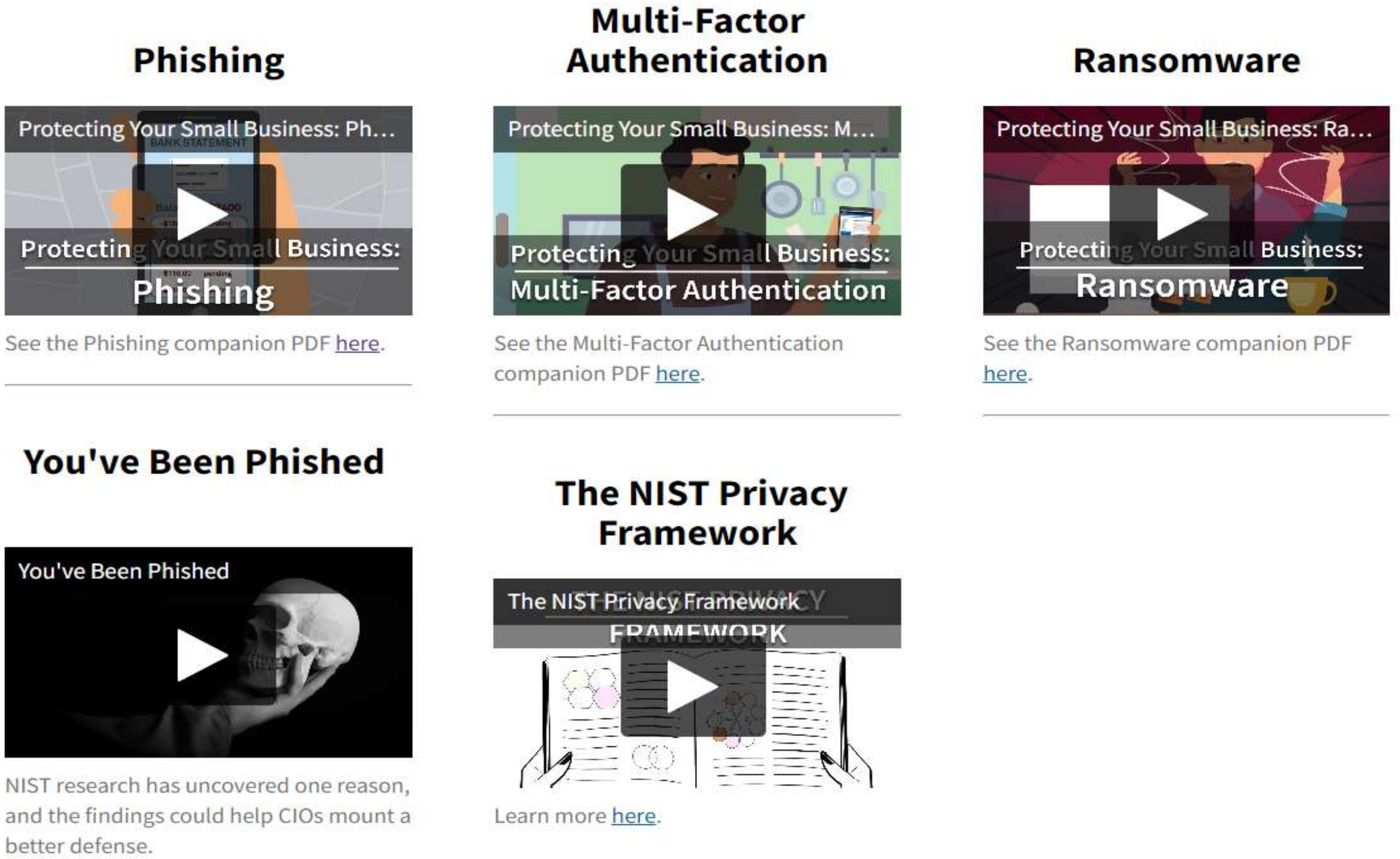
U.S. DEPARTMENT OF COMMERCE
RMF
CYBERSECURITY FRAMEWORK
CATEGORY
SUBCATEGORY

www.nist.gov/itl/smallbusinesscyber/planning-guides/nist-cybersecurity-framework

Short Videos



Protecting Your Small Business: Ph...
Protecting Your Small Business:
Phishing
Protecting Your Small Business: M...
Protecting Your Small Business:
Multi-Factor Authentication
Protecting Your Small Business: Ra...
Protecting Your Small Business:
Ransomware
You've Been Phished
The NIST Privacy Framework
FRAMEWORK

Phishing

See the Phishing companion PDF here.

Multi-Factor Authentication

See the Multi-Factor Authentication companion PDF here.

Ransomware

See the Ransomware companion PDF here.

You've Been Phished

NIST research has uncovered one reason, and the findings could help CIOs mount a better defense.

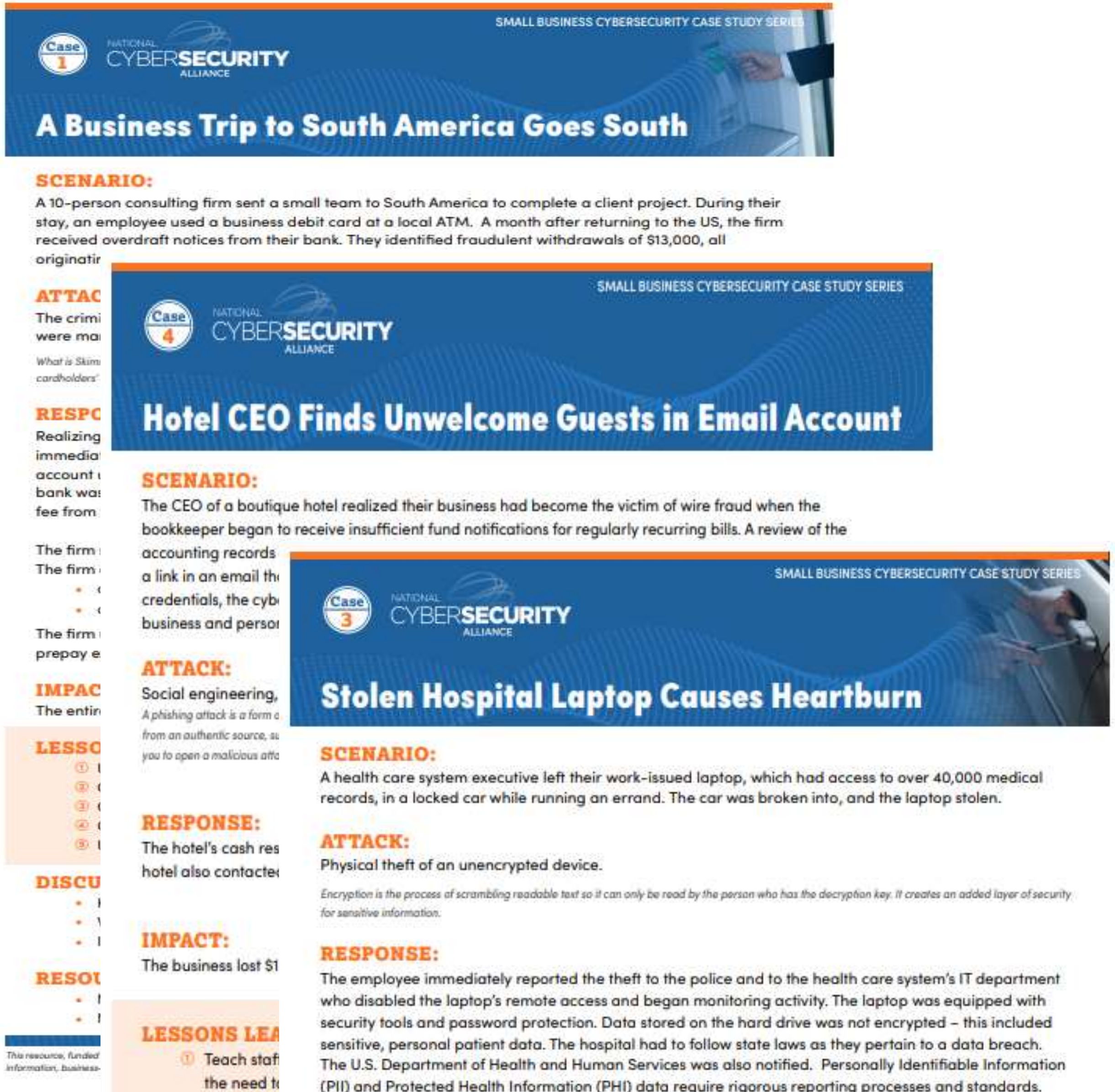
The NIST Privacy Framework

Learn more here.

Short videos that also include a companion PDF handout.

www.nist.gov/itl/smallbusinesscyber/videos

Small Business Case Studies



SMALL BUSINESS CYBERSECURITY CASE STUDY SERIES

Case 1

NATIONAL CYBERSECURITY ALLIANCE

A Business Trip to South America Goes South

SCENARIO:

A 10-person consulting firm sent a small team to South America to complete a client project. During their stay, an employee used a business debit card at a local ATM. A month after returning to the US, the firm received overdraft notices from their bank. They identified fraudulent withdrawals of $13,000, all originatir

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SMALL BUSINESS CYBERSECURITY CASE STUDY SERIES

Case 4

NATIONAL CYBERSECURITY ALLIANCE

Hotel CEO Finds Unwelcome Guests in Email Account

SCENARIO:

The CEO of a boutique hotel realized their business had become the victim of wire fraud when the bookkeeper began to receive insufficient fund notifications for regularly recurring bills. A review of the accounting records
a link in an email th
credentials, the cyb
business and persor

ATTACK:

Social engineering,

A phishing attack is a form o
from an authentic source, su
you to open a malicious atta

RESPONSE:

The hotel's cash res
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IMPACT:

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SMALL BUSINESS CYBERSECURITY CASE STUDY SERIES

Case 3

NATIONAL CYBERSECURITY ALLIANCE

Stolen Hospital Laptop Causes Heartburn

SCENARIO:

A health care system executive left their work-issued laptop, which had access to over 40,000 medical records, in a locked car while running an errand. The car was broken into, and the laptop stolen.

ATTACK:

Physical theft of an unencrypted device.

Encryption is the process of scrambling readable text so it can only be read by the person who has the decryption key. It creates an added layer of security for sensitive information.

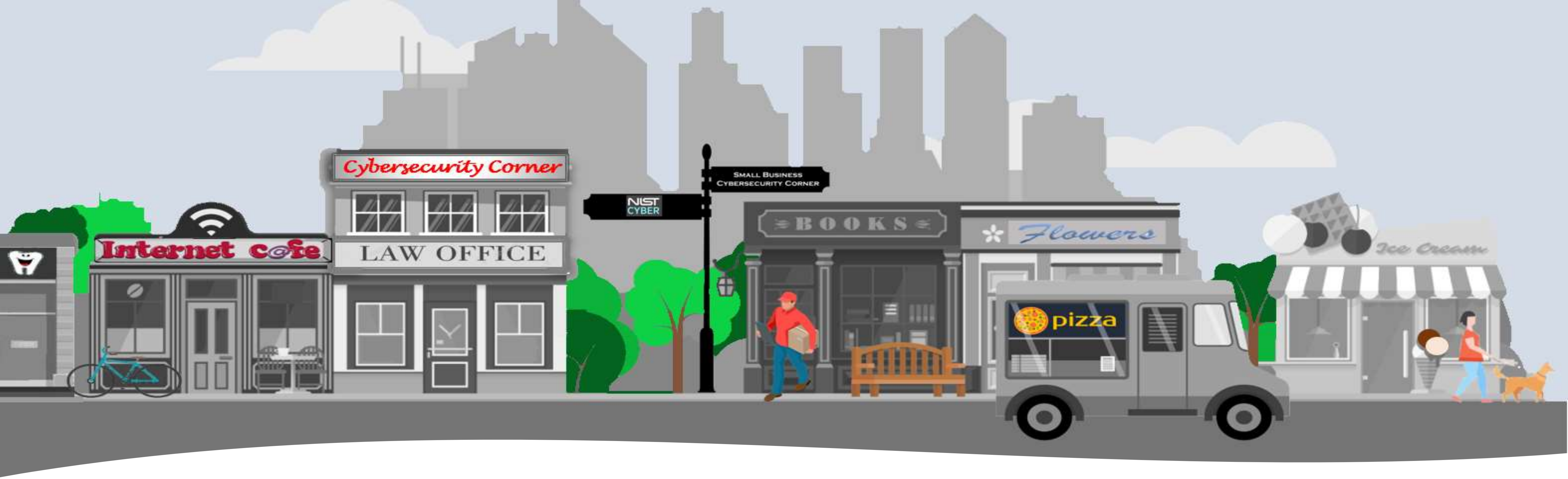
RESPONSE:

The employee immediately reported the theft to the police and to the health care system's IT department who disabled the laptop's remote access and began monitoring activity. The laptop was equipped with security tools and password protection. Data stored on the hard drive was not encrypted – this included sensitive, personal patient data. The hospital had to follow state laws as they pertain to a data breach. The U.S. Department of Health and Human Services was also notified. Personally Identifiable Information (PII) and Protected Health Information (PHI) data require rigorous reporting processes and standards.

1-page case studies, each including:

- Brief scenario
- Impact to business
- Lessons learned
- Discussion questions
- And related resources

www.nist.gov/itl/smallbusinesscyber/cybersecurity-basics/case-study-series



Upcoming Events in 2023

- **May 4: Data Analytics for Small Businesses: How to Manage Privacy Risks**
- **June 28: Security Segmentation for Small Manufacturers**

Register Here: www.nccoe.nist.gov/get-involved/attend-events

We Want to Hear From You!

- Join the Community of Interest: www.nist.gov/itl/smallbusinesscyber/about-contact-us/subscribe
- Email the team with questions or ideas: smallbizsecurity@nist.gov

Q&A

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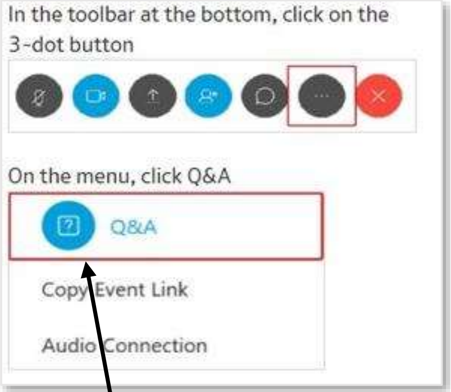

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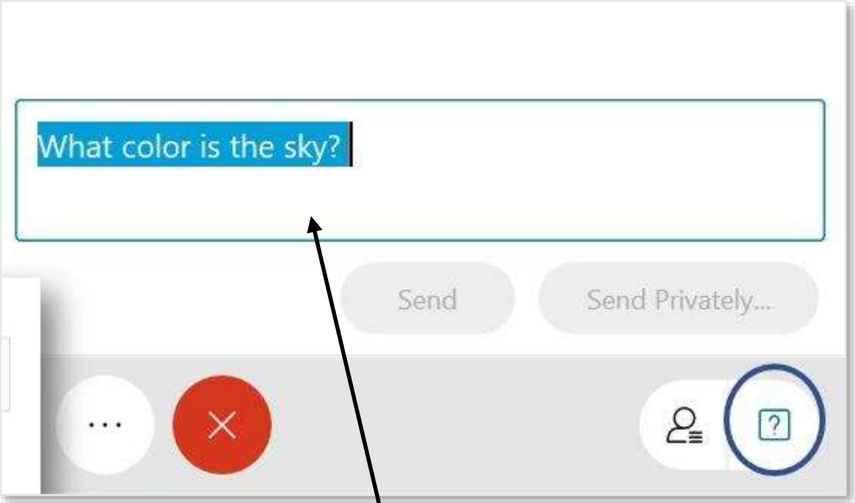

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Q&A

Topics to Consider

- What resources (topic or format) on the site are most useful?
- What other topics would you like to see covered on the site?
- What format of resources (text, videos, webinars, etc.) are most useful?

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