CISA | CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY

Risk Management during COVID-19

Ron Ford
Regional Cybersecurity Advisor – New England

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CISA ROLE

Risk Management during COVID-19

Best Practices

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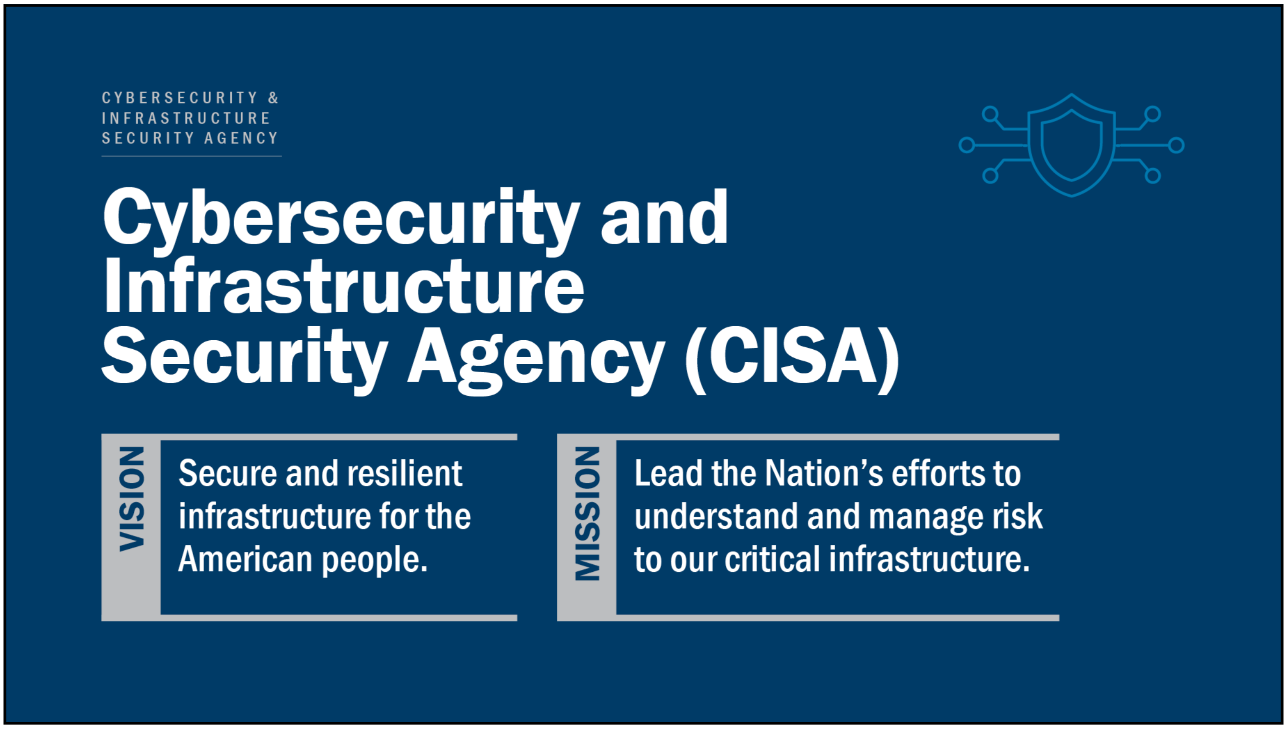

CYBERSECURITY & INFRASTRUCTURE SECURITY AGENCY

Cybersecurity and Infrastructure Security Agency (CISA)

VISION

Secure and resilient infrastructure for the American people.

MISSION

Lead the Nation's efforts to understand and manage risk to our critical infrastructure.

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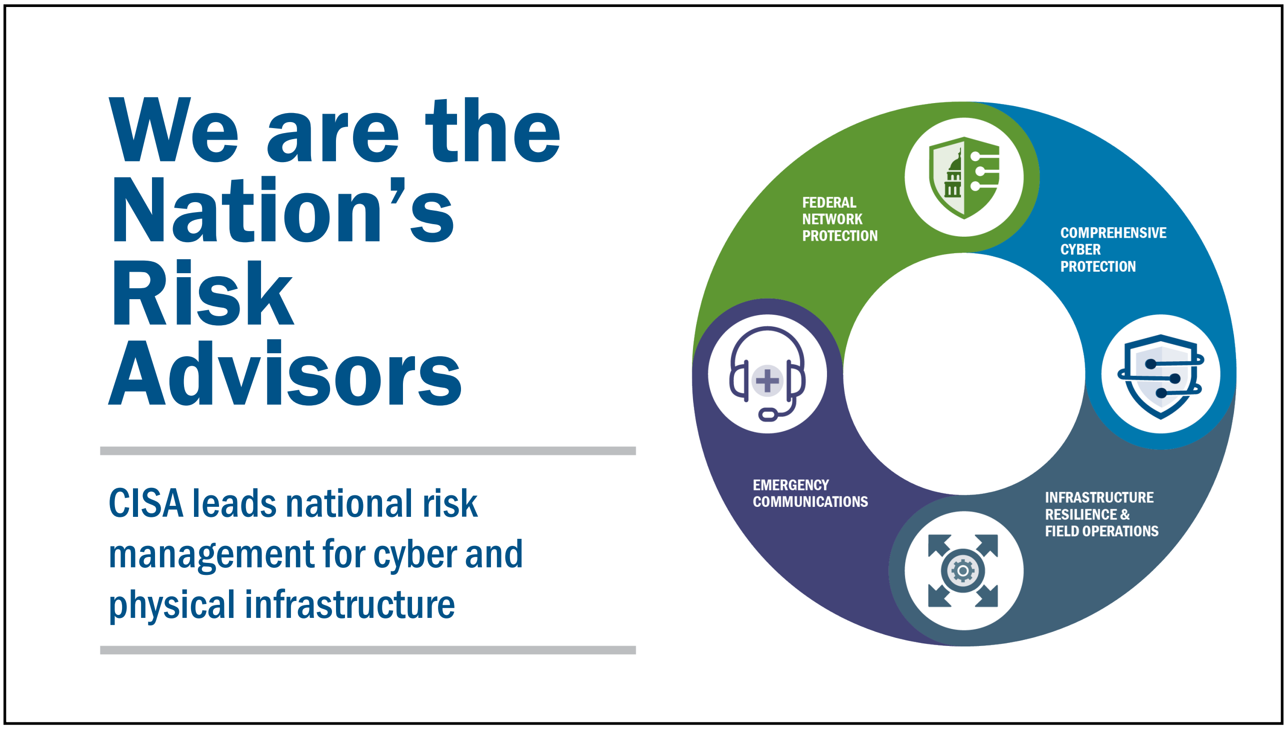

We are the Nation's Risk Advisors

CISA leads national risk management for cyber and physical infrastructure

FEDERAL NETWORK PROTECTION

COMPREHENSIVE CYBER PROTECTION

INFRASTRUCTURE RESILIENCE & FIELD OPERATIONS

EMERGENCY COMMUNICATIONS

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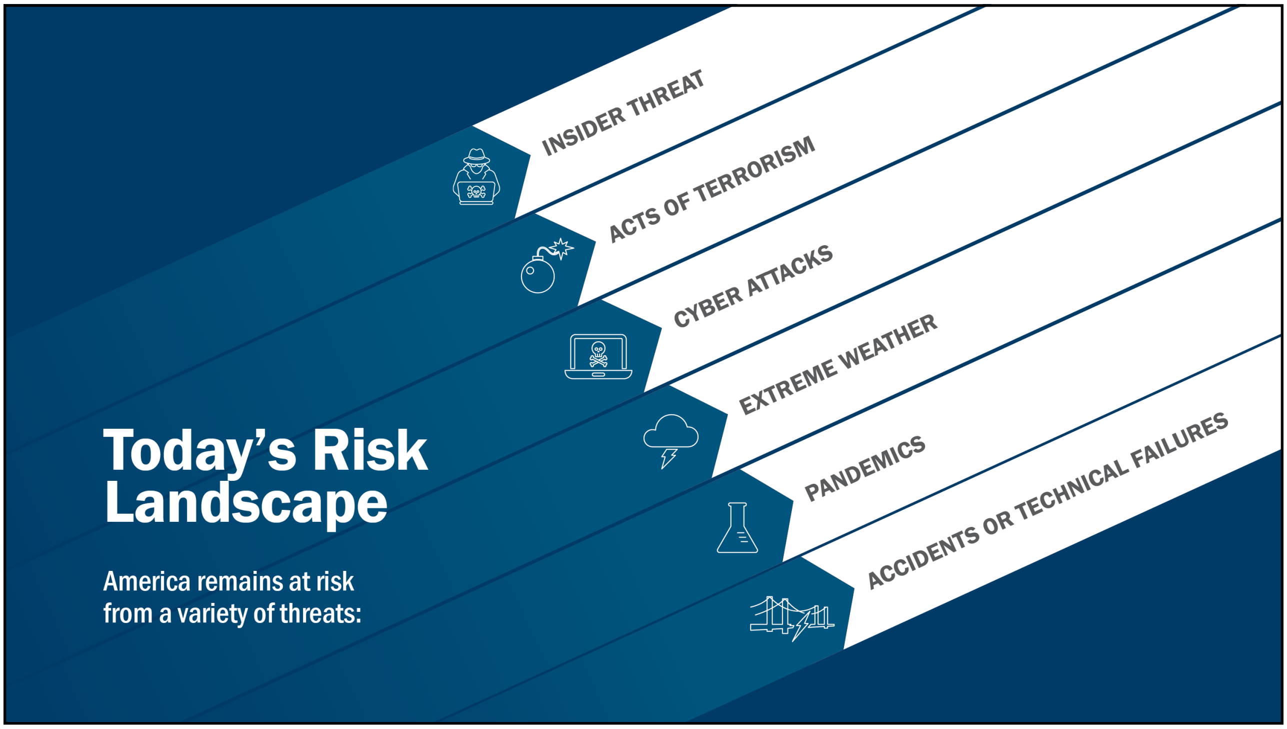

Today's Risk Landscape

America remains at risk from a variety of threats:

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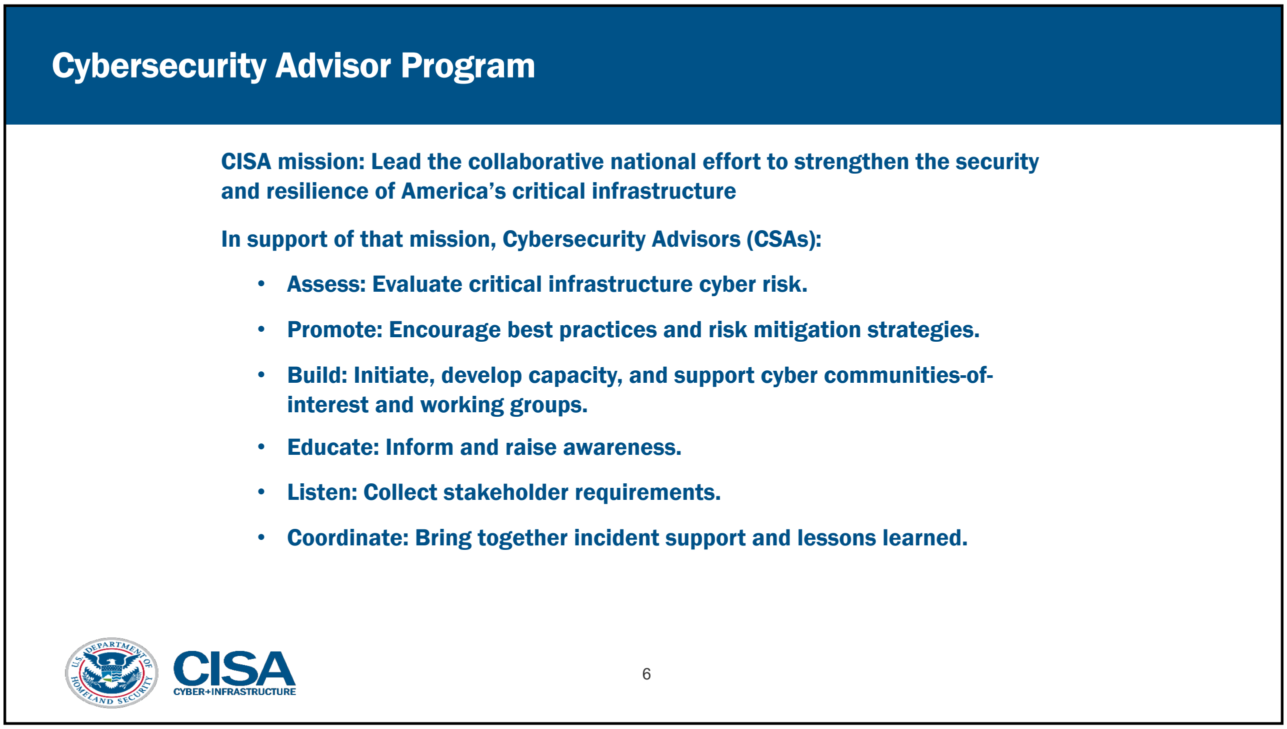

Cybersecurity Advisor Program

CISA mission: Lead the collaborative national effort to strengthen the security and resilience of America's critical infrastructure

In support of that mission, Cybersecurity Advisors (CSAs):

- **Assess: Evaluate critical infrastructure cyber risk.**
- **Promote: Encourage best practices and risk mitigation strategies.**
- **Build: Initiate, develop capacity, and support cyber communities-of-interest and working groups.**
- **Educate: Inform and raise awareness.**
- **Listen: Collect stakeholder requirements.**
- **Coordinate: Bring together incident support and lessons learned.**

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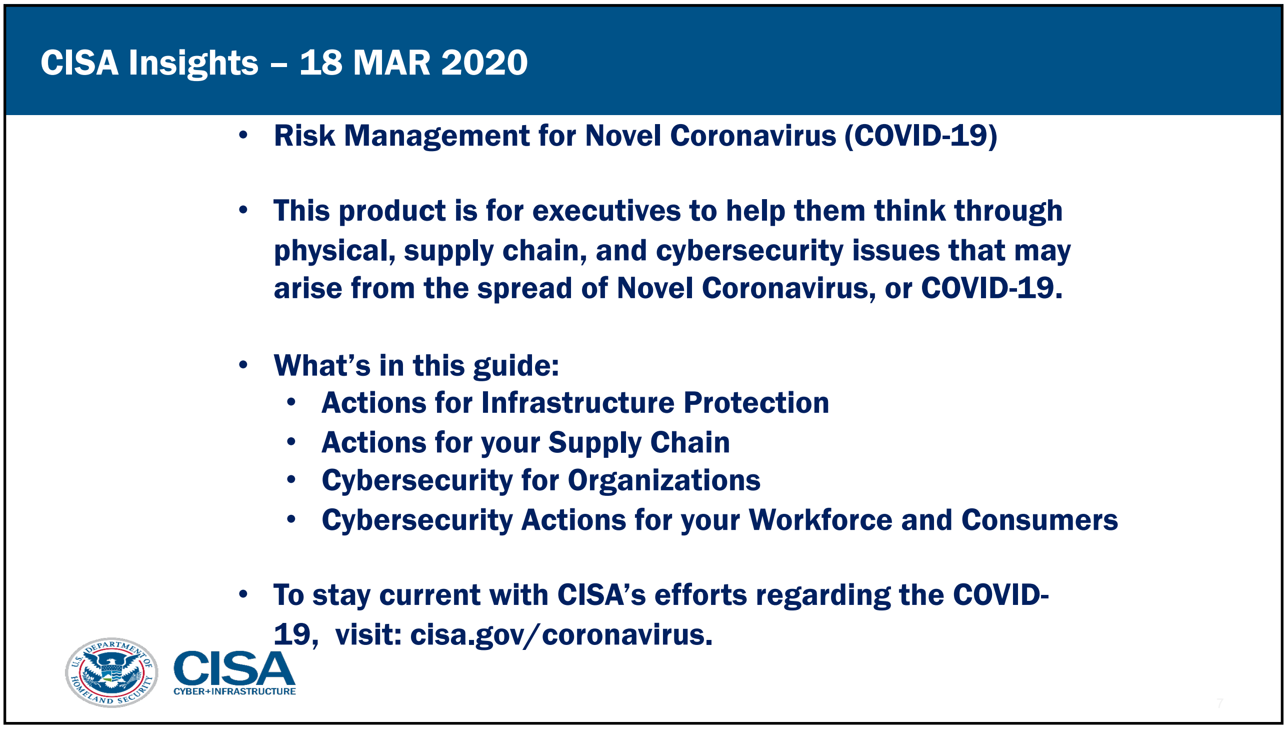

CISA Insights – 18 MAR 2020

- Risk Management for Novel Coronavirus (COVID-19)
- This product is for executives to help them think through physical, supply chain, and cybersecurity issues that may arise from the spread of Novel Coronavirus, or COVID-19.
- What's in this guide:
  - Actions for Infrastructure Protection
  - Actions for your Supply Chain
  - Cybersecurity for Organizations
  - Cybersecurity Actions for your Workforce and Consumers
- To stay current with CISA's efforts regarding the COVID-19, visit: cisa.gov/coronavirus.

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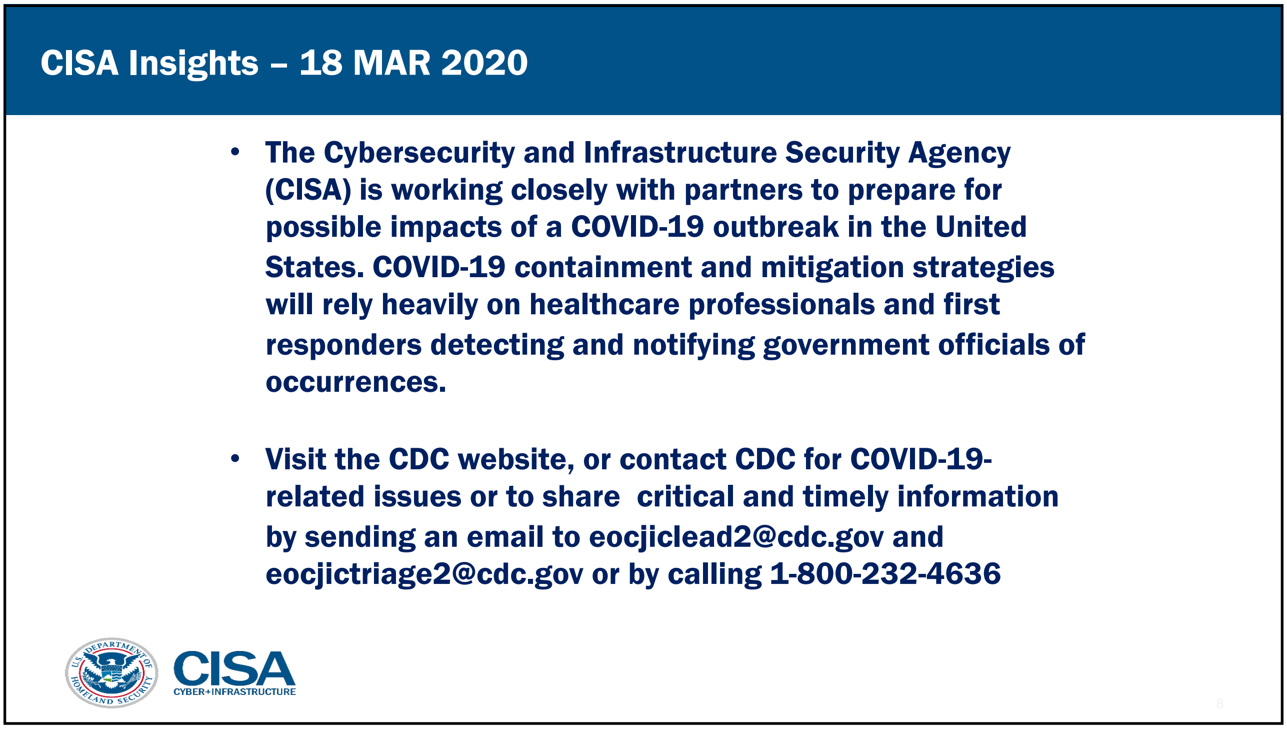

CISA Insights – 18 MAR 2020

- The Cybersecurity and Infrastructure Security Agency (CISA) is working closely with partners to prepare for possible impacts of a COVID-19 outbreak in the United States. COVID-19 containment and mitigation strategies will rely heavily on healthcare professionals and first responders detecting and notifying government officials of occurrences.
- Visit the CDC website, or contact CDC for COVID-19-related issues or to share critical and timely information by sending an email to eocjiclead2@cdc.gov and eocjictriage2@cdc.gov or by calling 1-800-232-4636

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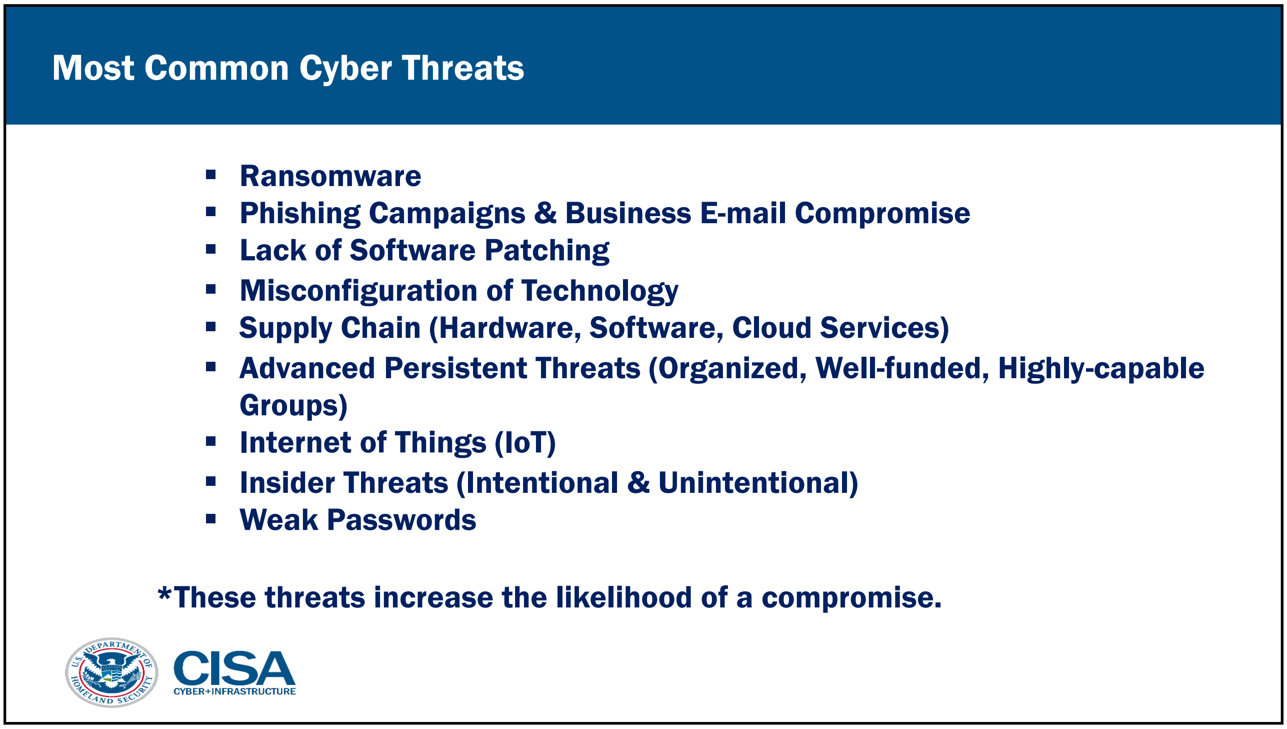

Most Common Cyber Threats

- Ransomware
- Phishing Campaigns & Business E-mail Compromise
- Lack of Software Patching
- Misconfiguration of Technology
- Supply Chain (Hardware, Software, Cloud Services)
- Advanced Persistent Threats (Organized, Well-funded, Highly-capable Groups)
- Internet of Things (IoT)
- Insider Threats (Intentional & Unintentional)
- Weak Passwords

*These threats increase the likelihood of a compromise.

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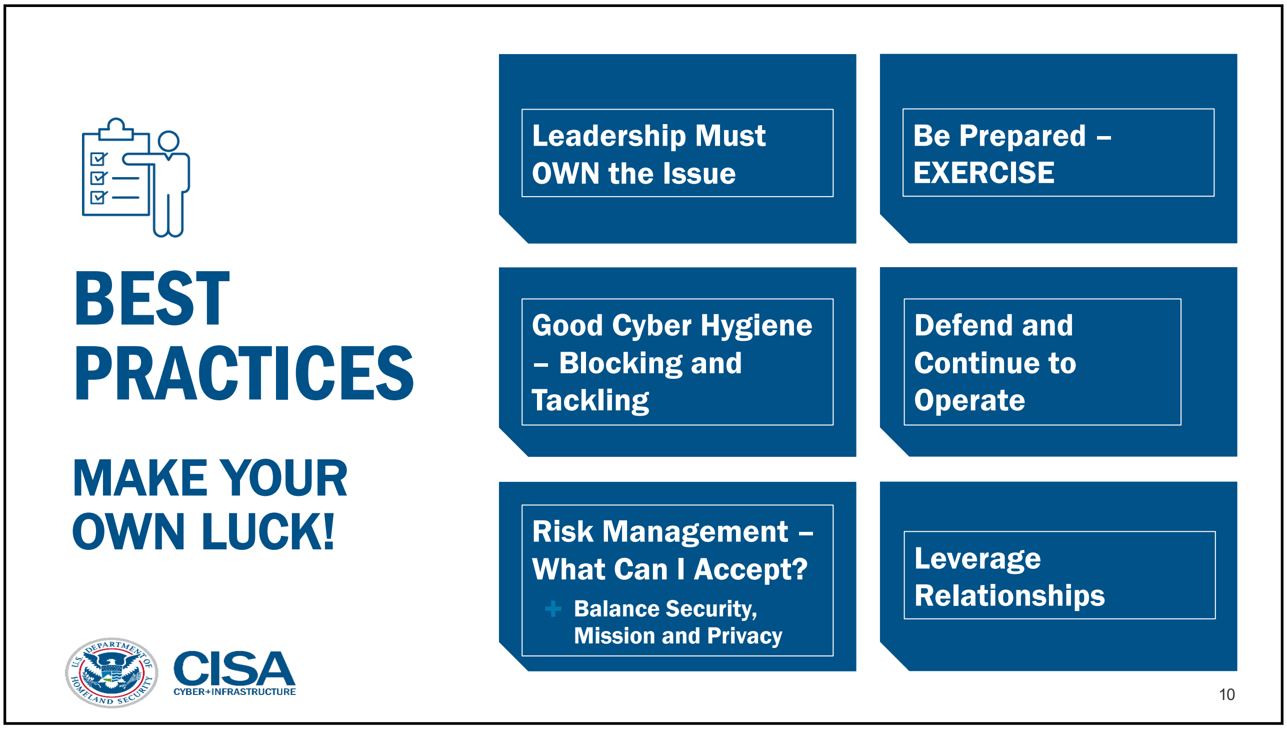

BEST PRACTICES

MAKE YOUR OWN LUCK!

Leadership Must OWN the Issue

Be Prepared – EXERCISE

Good Cyber Hygiene – Blocking and Tackling

Defend and Continue to Operate

Risk Management – What Can I Accept?
- Balance Security, Mission and Privacy

Leverage Relationships

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QUESTIONS?

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Contact Us

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Report Cyber Incidents:

DHS/CISA
24/7 Line: 888-282-0870
CISAServiceDesk@cisa.dhs.gov
https://www.us-cert.gov/report

MS-ISAC
https://www.cisecurity.org/ms-isac/
24/7 Line: 866-787-4722
soc@cisecurity.org
https://www.cisecurity.org/isac/report-an-incident/

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