Bret Mills and Missy Oliver

How to Address the Most Frequently Found Security Issues

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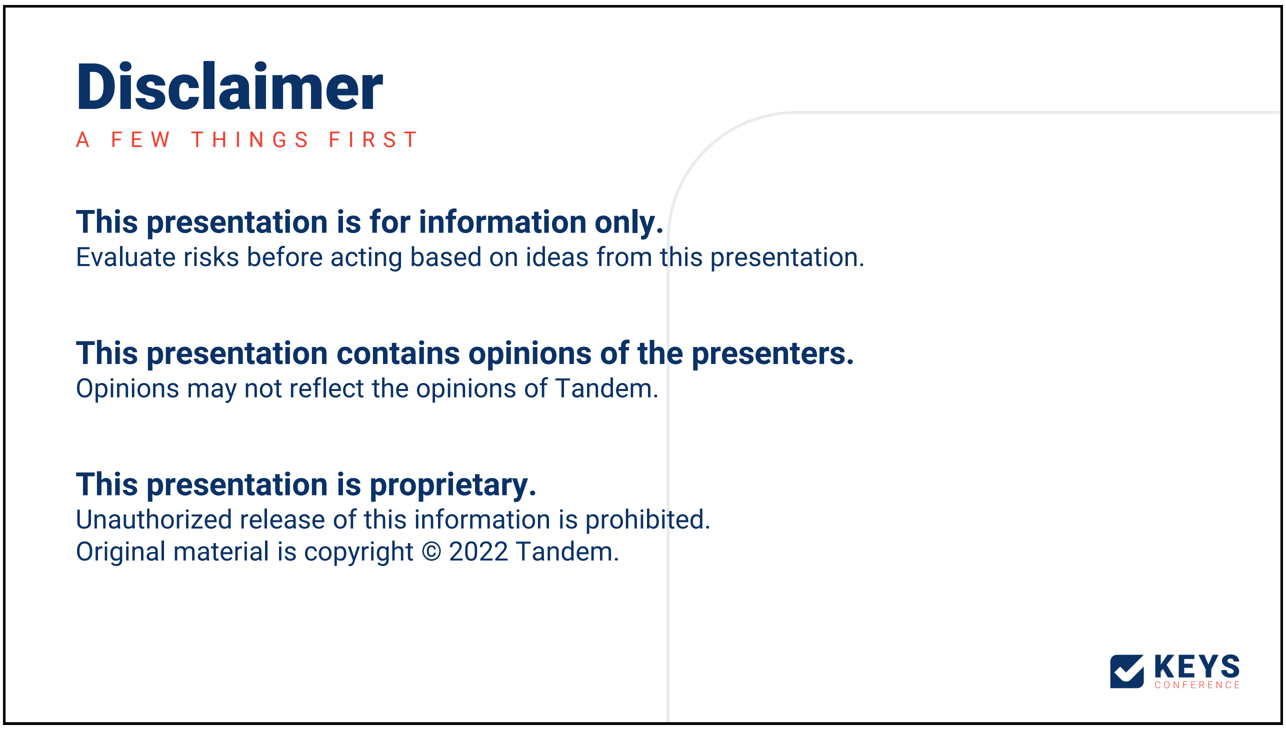

Disclaimer

A FEW THINGS FIRST

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Evaluate risks before acting based on ideas from this presentation.

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Security Issues

1 Compliance

2 Network/Vulnerabilities

3 Moving Forward Tips

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COMPLIANCE

Security Issues addressed in new guidance.

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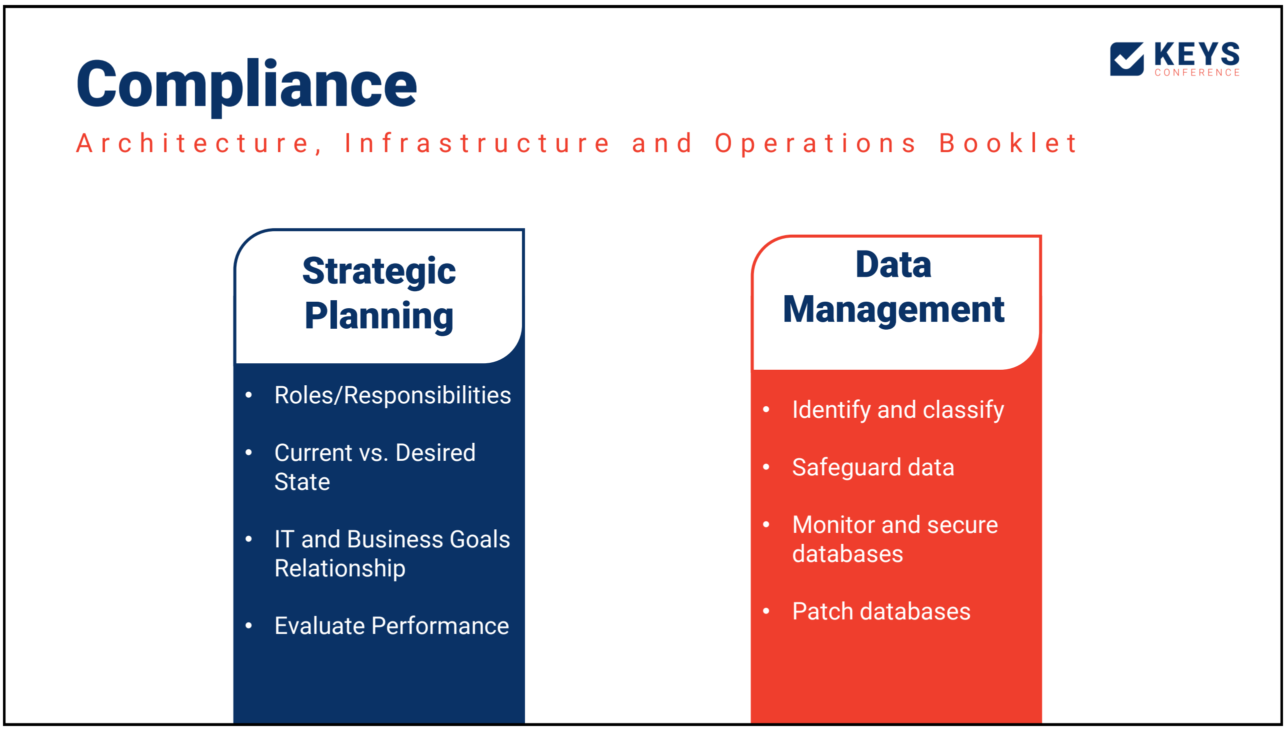

Compliance

Architecture, Infrastructure and Operations Booklet

Strategic Planning

- Roles/Responsibilities
- Current vs. Desired State
- IT and Business Goals Relationship
- Evaluate Performance

Data Management

- Identify and classify
- Safeguard data
- Monitor and secure databases
- Patch databases

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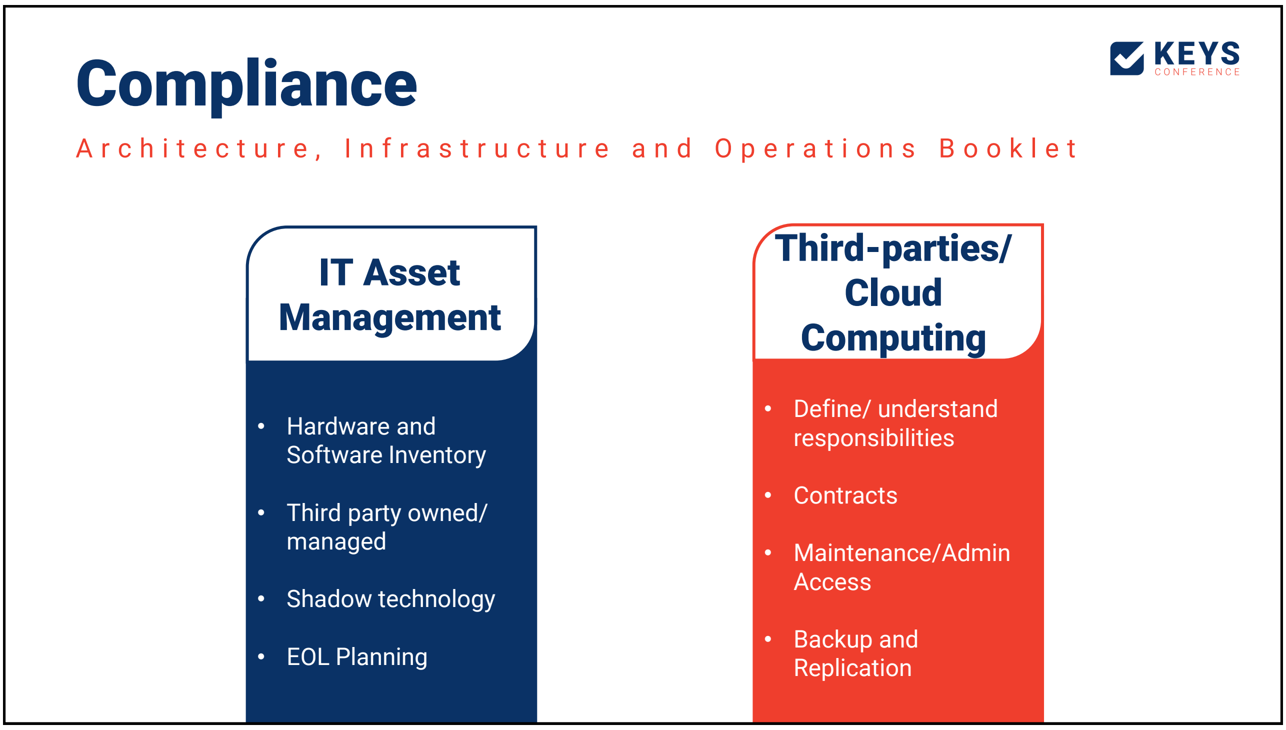

Compliance

Architecture, Infrastructure and Operations Booklet

IT Asset Management

- Hardware and Software Inventory
- Third party owned/ managed
- Shadow technology
- EOL Planning

Third-parties/ Cloud Computing

- Define/ understand responsibilities
- Contracts
- Maintenance/Admin Access
- Backup and Replication

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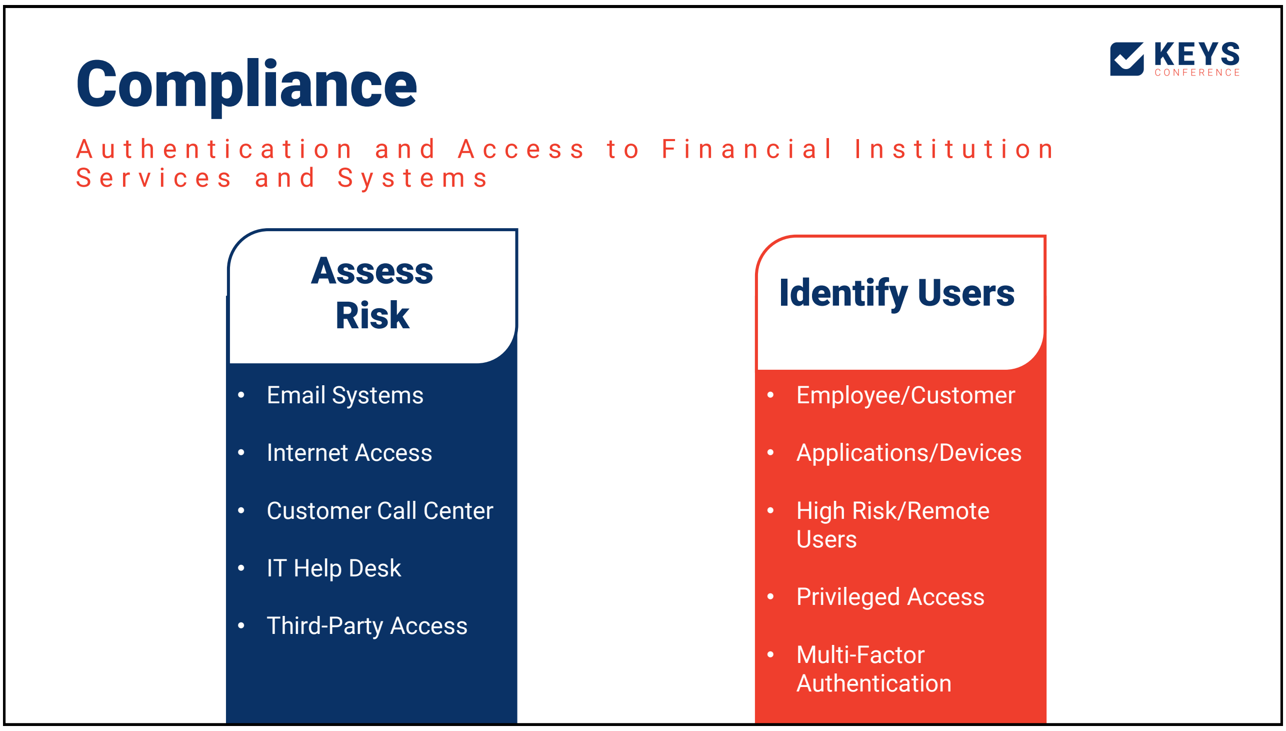

Compliance

Authentication and Access to Financial Institution Services and Systems

Assess Risk

- Email Systems
- Internet Access
- Customer Call Center
- IT Help Desk
- Third-Party Access

Identify Users

- Employee/Customer
- Applications/Devices
- High Risk/Remote Users
- Privileged Access
- Multi-Factor Authentication

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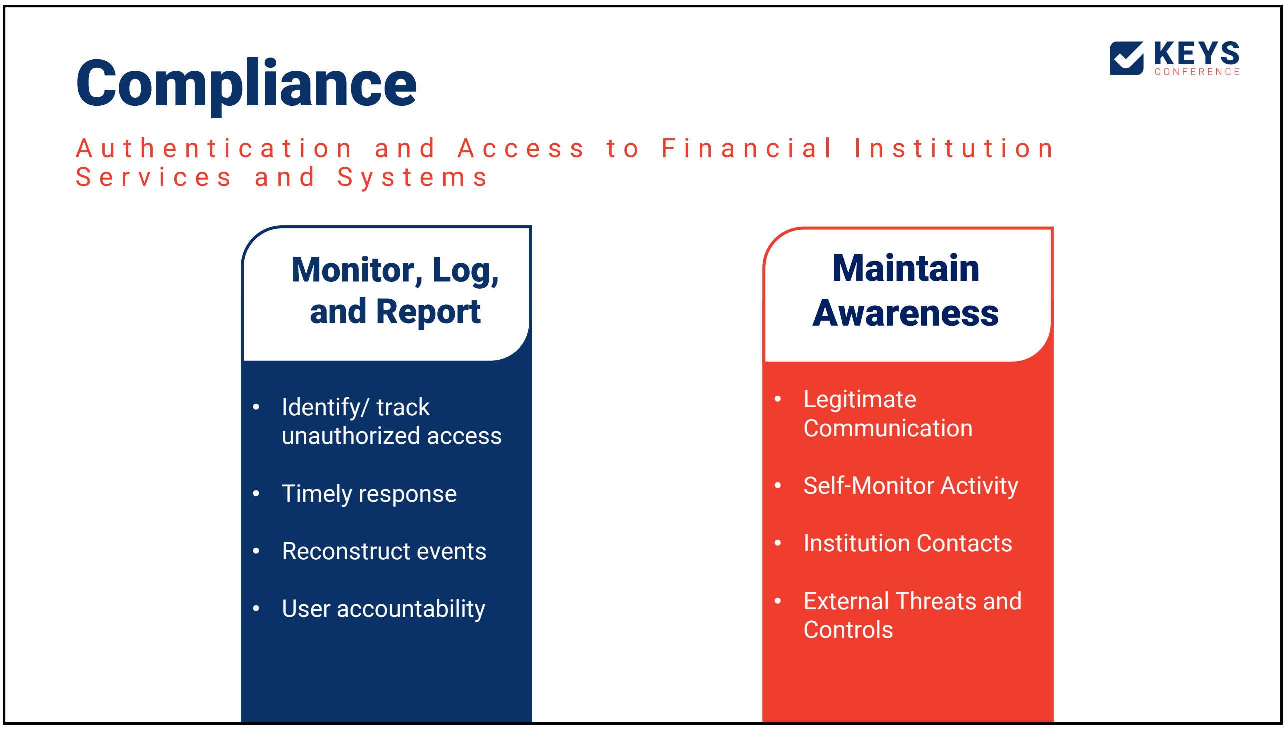

Compliance

Authentication and Access to Financial Institution Services and Systems

Monitor, Log, and Report

- Identify/ track unauthorized access
- Timely response
- Reconstruct events
- User accountability

Maintain Awareness

- Legitimate Communication
- Self-Monitor Activity
- Institution Contacts
- External Threats and Controls

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Compliance

Incident Management

1 Incident Notification

2 Chain of Custody

3 Forensic Investigation

4 Contact Information

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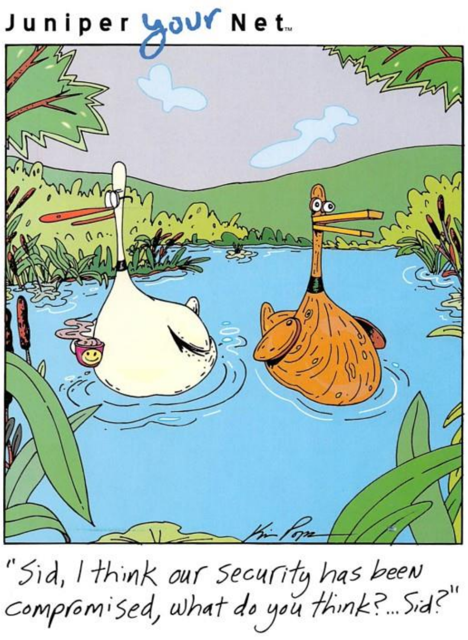
Juniper your Net™
"Sid, I think our security has been compromised, what do you think?... Sid?"

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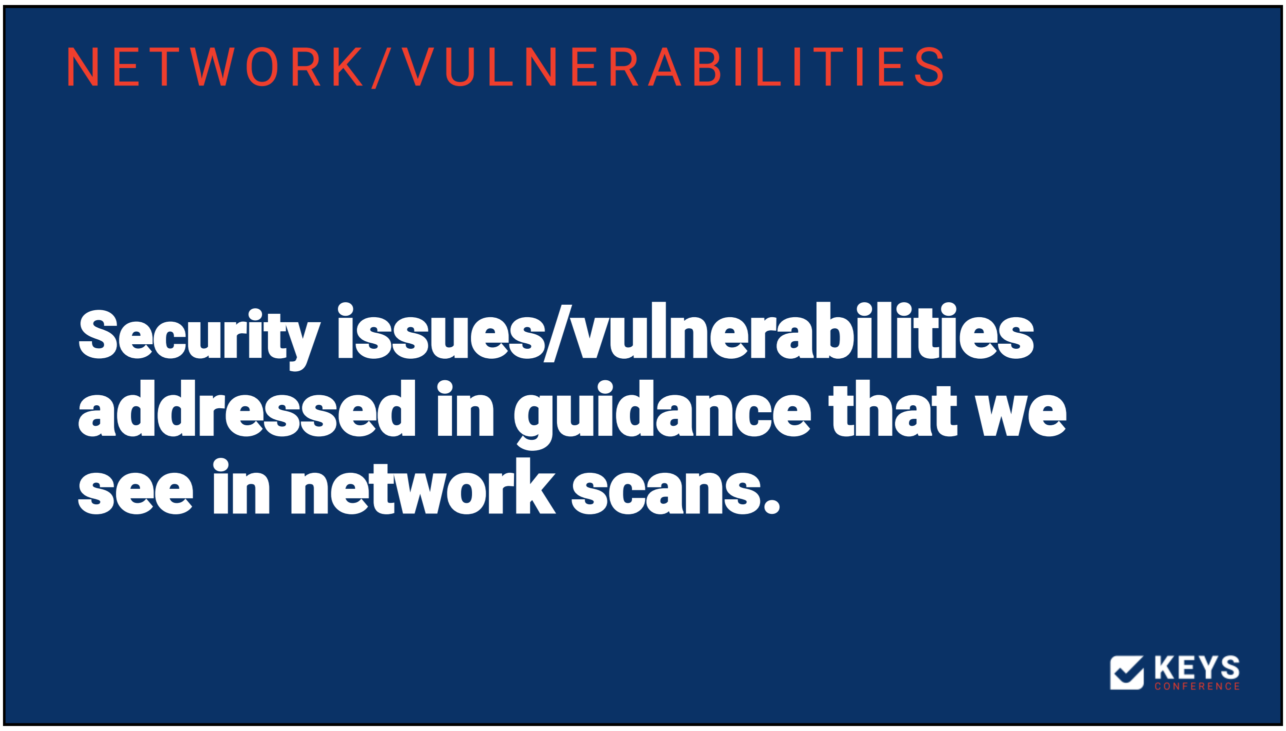

NETWORK/VULNERABILITIES

Security issues/vulnerabilities addressed in guidance that we see in network scans.

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Network

1 Patch Management

2 Unsupported Software

3 Legacy Systems

4 Unnecessary Accounts on the Network

5 Unnecessary Services and Protocols

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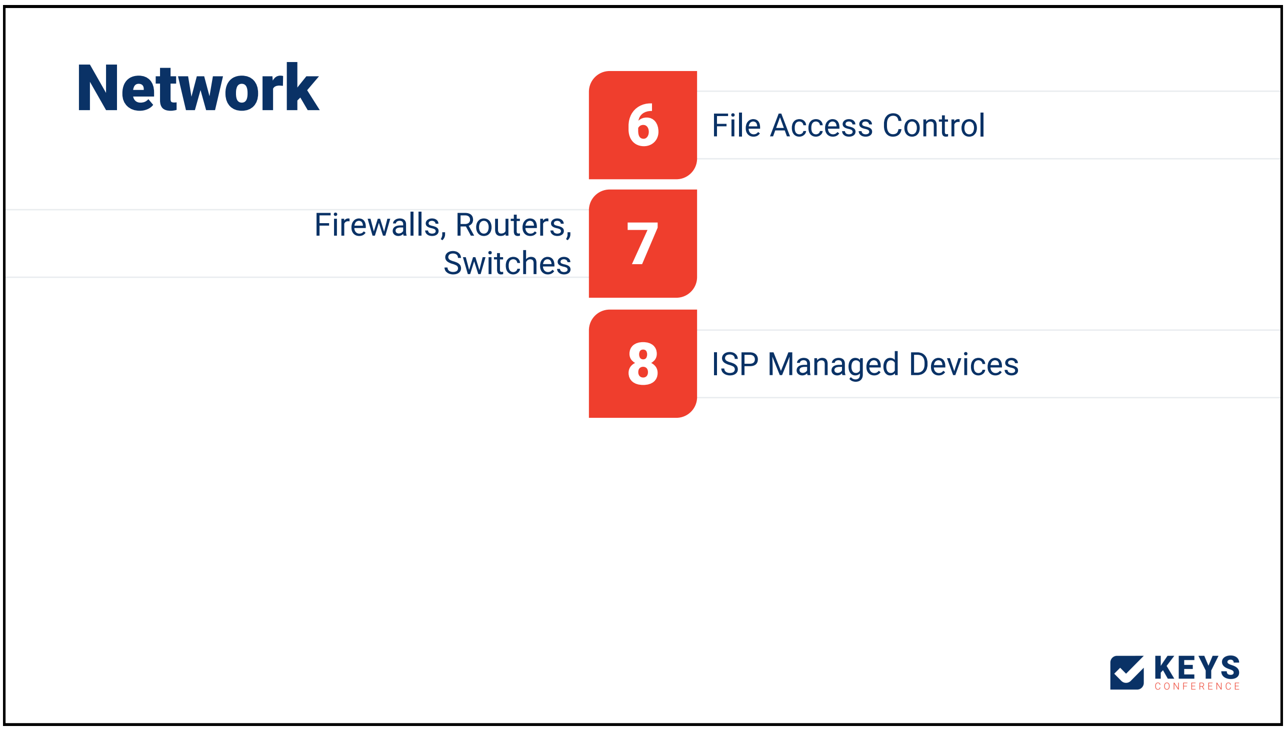

Network

6 File Access Control

Firewalls, Routers, Switches 7

8 ISP Managed Devices

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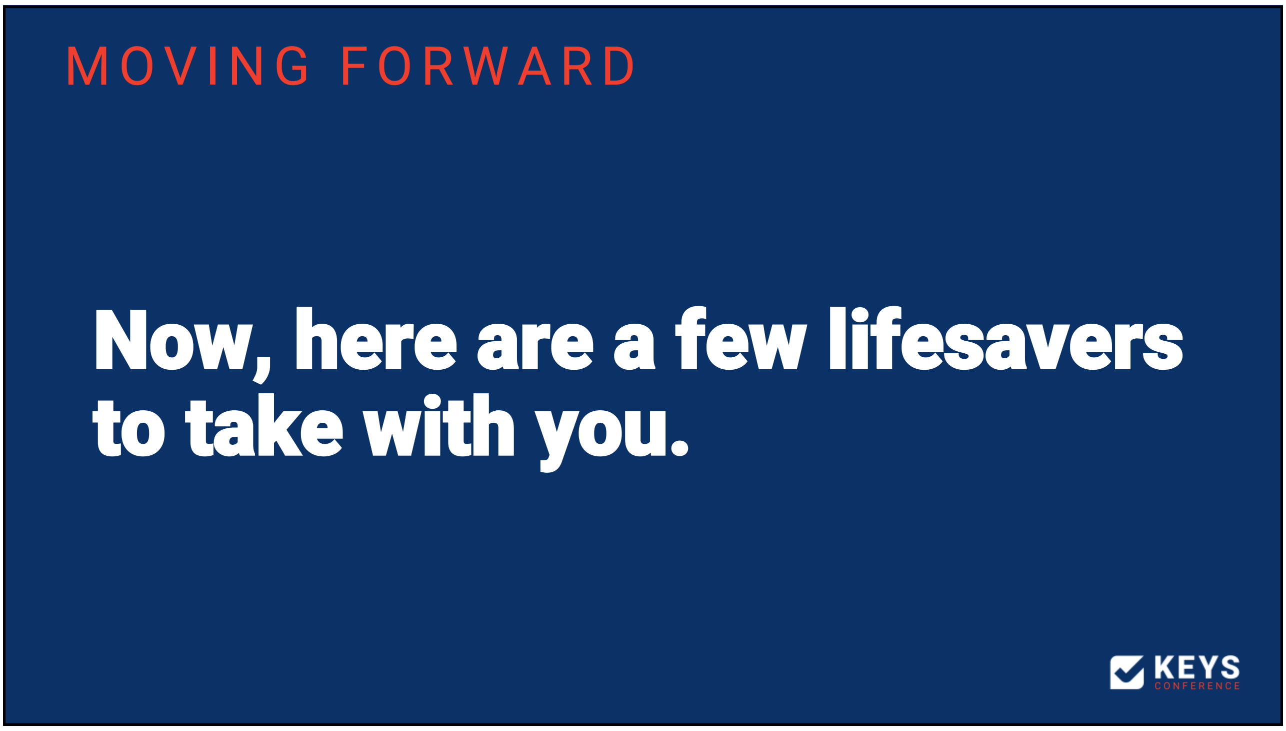

MOVING FORWARD

Now, here are a few lifesavers to take with you.

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Moving Forward

Now what do we do?

1. Communicate
2. Who is Mitigating Issues?
3. Understand Audit/Exam Findings
4. Document, Document, Document
5. Validate, Validate, Validate

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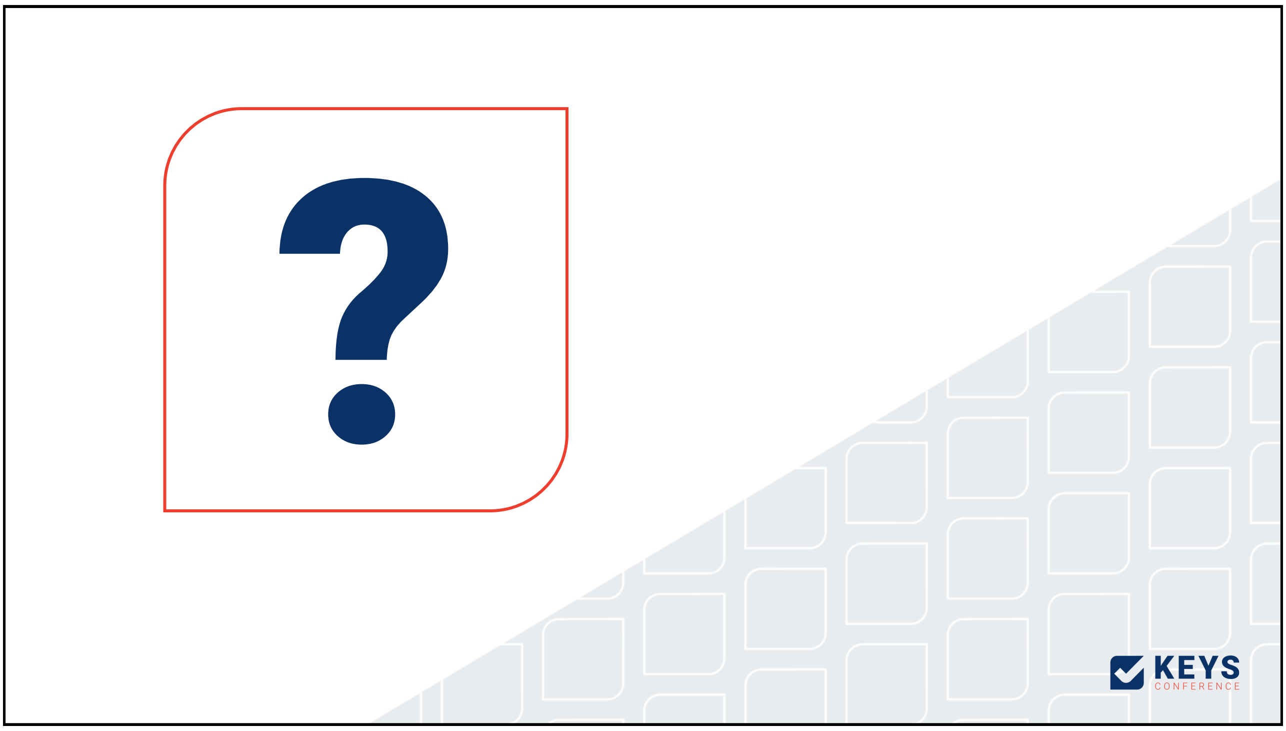

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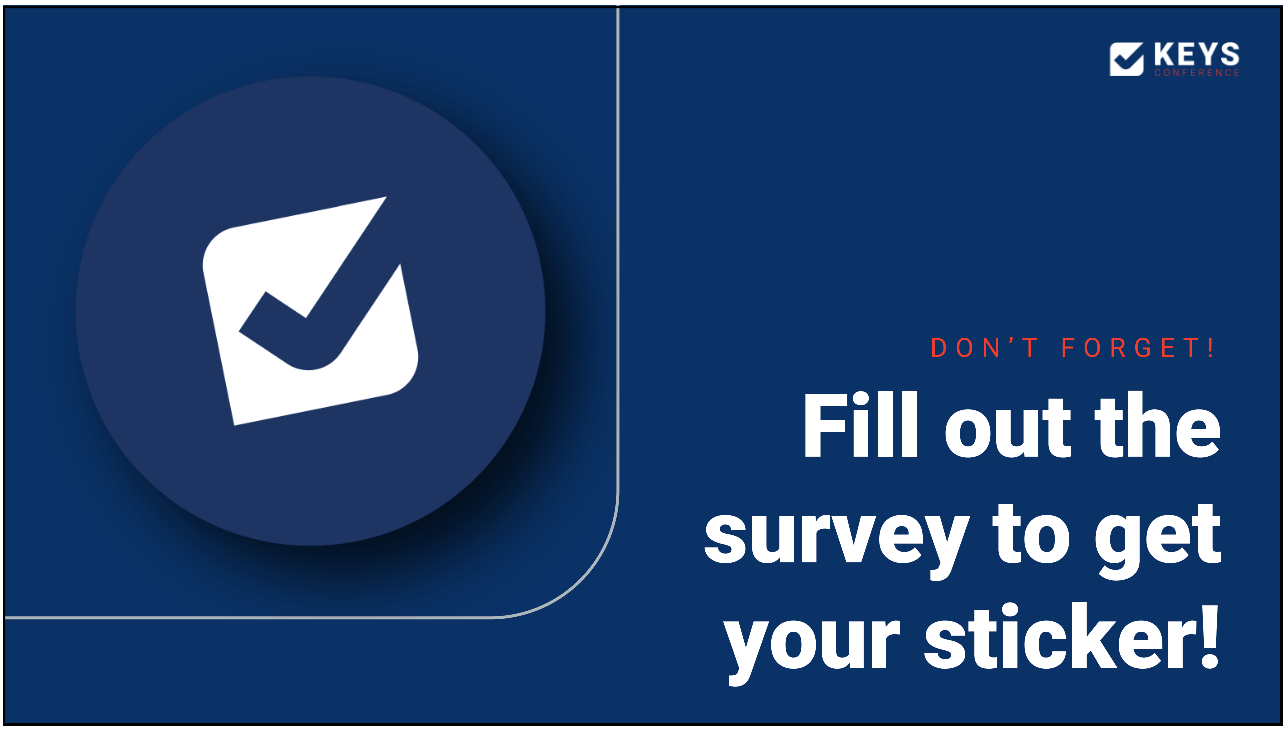

DON'T FORGET!

Fill out the survey to get your sticker!

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THANKS FOR JOINING!

How to Address the Most Frequently Found Security Issues

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Upcoming Sessions

TANDEM

All About Third Parties

Jonathan Garner, Tandem

RISK & COMPLIANCE

7 Ways to Transform How You Report Cybersecurity

Alyssa Pugh, Tandem

CYBERSECURITY

The Human Element of Cybersecurity

BJ Taylor, CoNetrix Security / Boost Consulting

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