

Your webinar
will begin
shortly

Did you know  **James Moore**
Certified Public Accountants and Consultants

provides these services?

- Tourist Development Tax (TDT) Audits and Consulting
- Assurance
- CAFR & Audit Preparation
- Peace of Mind Services
- Revenue Enhancement Services
- Technology Solutions
- Retirement Plan Advisory Services
- Operational Excellence
- Transition Planning
- Business Advisory

Cybersecurity Update: Remote Access and Safe Computing

Presented by:

Curtis McCallister, MCSE, CCA

Manager of Technology Solutions

 **James Moore**
Certified Public Accountants and Consultants

Your Presenter



MEET Curtis McCallister, MCSE, CCA Manager

As the Manager of Technology Solutions for James Moore & Co., Curtis applies principles of process improvement to provide consulting, project planning and implementation, and service delivery. He is continually evaluating emerging technologies with the goal of bringing innovative and cost-effective services to clients.

Curtis' 30-plus years of experience with information technology began in the military, where he was responsible for maintaining and supporting his battalion's supply chain computer systems. This foundation of experience allowed him to develop his current service philosophy: when approaching any objective, building and executing each step as a team will ensure success. With a strong sense of loyalty and dedication, Curtis brings this philosophy of team service to the Technology Solutions Consulting department of James Moore.

Webinar FAQ

- How to ask questions
- Technology questions
 - 888.387.6851
- CPE Eligibility





“Life... finds a way.”

-Dr. Ian Malcom (fictional)
Jurassic Park, 1993

Poll Question #1

Who locks their doors?

CYBER SECURITY



What is Cyber Security?



What is Cyber Security (Definition)?

- Merriam-Webster
 - cy·ber·se·cu·ri·ty
- Measures taken to **protect** a computer or computer system (as on the internet) **against unauthorized access or attack**

Cyber Security

- Access
 - Theft
 - Viewing



Cyber Security

- Attack = Manipulation
 - Delete
 - Change
 - Add



Poll Question #2

Who is still working from home?

CYBER SECURITY



Current Trends and Events

Current Trends

- **Strong Mobile Workforce**
 - Teams and Zoom meetings are the new norm
 - Remote access to corporate systems
 - Less user oversight
 - Fewer protections at the workstation (remote workers)

Current Trends

- **Social Engineering**
 - Phishing
 - Vishing
 - Smishing
 - Corporate hackers

Colonial Pipeline – May 2021

- Data theft
- Ransomware
- Russian states not targeted
- Fuel shortages
- Airlines impacted
- “Goal was not in creating problems for society”

Oldsmar Water – February 2021

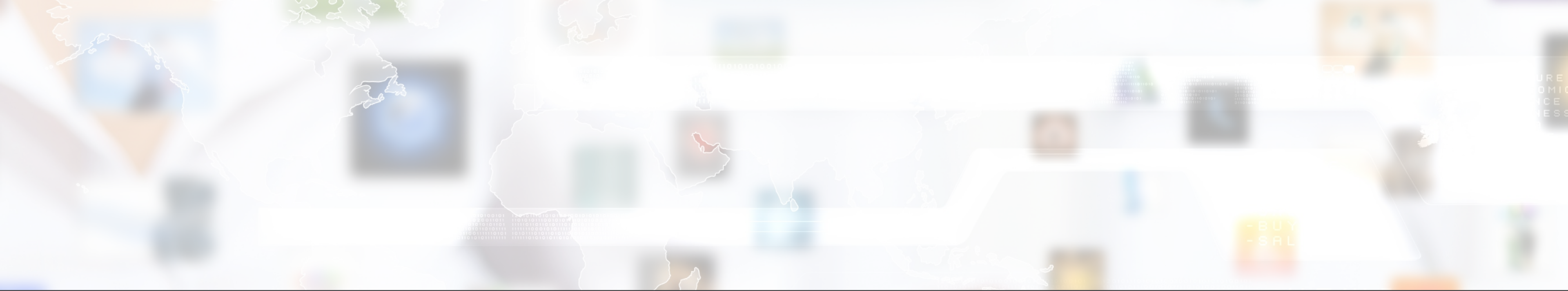
- Chemical balance changed by a remote hacker
- Unauthorized access through a remote access tool
- Witnessed by the staff

Solar Winds – Early 2020

- MASSIVE
- Long game
- Software update to compromise systems
- Several months without detection

Poll Question #3

Who is aware of all three of these attacks?



What should you do?



- INTERNET
- LIVE CHAT
- MEDIA
- PHOTOS
- VIDEOS
- MUSIC

- SHOW BUSINESS
- NETWORK
- MUSIC
- CINEMA
- BUSINESS/FIN
- WORLD

How do you protect your organization

4. Zero trust
3. User awareness
2. Security monitoring
1. Backups

Zero Trust - Never Trust, Always Verify

- People
- Devices
- Network

Zero Trust - People

- Principal of least privilege
- Multi-factor authentication
- Continuous authentication
- Monitoring

Poll Question #4

Who is using MFA?

Zero Trust - Devices

- Encryption
- Consistent polices
- Validation

Zero Trust - Network

- Protect resources
- Perimeter-less

Poll Question #5

Who is currently practicing Zero Trust?

- INTERNET
- LIVE CHAT
- MEDIA
- PHOTOS
- VIDEOS
- MUSIC

- SHOW BUSINESS
- NETWORK
- MUSIC
- CINEMA
- BUSINESS/FI
- WORLD

User Awareness

- Phishing/smishing/vishing
- Policies and procedures
- Understanding the WHY

Security Monitoring

- Application
- Firewall
- Network

Backups

- Multi-layered
- Air gapped
- Monitored
- Tested

Summary

- No easy answer
- Recurring themes
- Healthy paranoia
- Bad actors will “find a way...”

Call to Action

- Challenge your IT
- Accept inconvenience

The background features a light green gradient with several white question marks of varying sizes and styles. In the center, there is a close-up photograph of a person's forehead with their hand resting on it, suggesting a state of confusion or a need for clarification. A solid green horizontal band is positioned above the forehead image, containing the text 'Q&A'.

Q&A

Contact



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2021 Government Summer CPE Series: Remaining Sessions

- May 26 [Accounting and Auditing: Common Issues \(A&A\)](#)
- June 2 [Weathering the Workforce Storm](#)
- June 9 [GASB 84 & 87 Deep Dive \(A&A\)](#)
- June 16 [Beyond Excel](#)
- June 23 [Excel: Beginner](#)
- *June 30/July 7 –No Webinars – Happy 4th of July!–*
- July 14 [Single Audit & ARPA Update \(A&A\)](#)

CPE Request/Evaluation Link: <https://bit.ly/2S2E2RI>