

# Higher Education Virtual Conference

2025 and Beyond: Higher Education Trends and Insights from Industry Leaders

February 25, 2025



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# **CPE Qualifications**

To qualify for the full **4 CPE credits**, the following requirements must be met:



Attend 200 minutes of this session



16 attendance markers will be sent (8 will be statements reading "I'm here" and 8 will be Qualifying Questions).

You must **respond to a minimum of 12** out of those 16 attendance markers





## Agenda:

- Intro
- Regulatory Roadmap: Navigating Higher Ed Compliance
- Break
- Future-Ready: Generational Diversity and Hybrid Work
- Break
- Game On: Understanding the NIL and NCAA Reforms
- Break
- Ethical Hacking: A Primer on Penetration
   Testing for Non-IT Professionals
- Closing







# Regulatory Roadmap

Navigating Higher Ed Compliance



Recognize the latest regulations affecting higher education

# Learning Objectives

List recommended practices in supporting and implementing the latest regulations





How effective has your institution been at addressing regulatory changes and new standards?

- a) Very effective
- b) Somewhat effective
- c) We are not making progress, but we should be able to handle it on our own
- d) We are not making progress, and I'd like CLA to contact me to discuss how they can help







### Uniform Grant Guidance



#### **Uniform Grant Guidance**

#### OMB's objectives

Incorporate
statutory
requirements
and
administrative
priorities

Reduce agency and recipient burden

Add clarity to sections that have been interpreted differently

Using plain language and addressing inconsistent use of terms





# Uniform Grant Guidance – Changes

Increase single audit threshold from \$750,000 to \$1,000,000

Type A threshold increased to \$1,000,000

Modify the definition of questioned costs





# Uniform Grant Guidance – Changes

Amount, expended or received from a Federal award in the auditor's judgement

- 1. is **noncompliant or suspected noncompliant** with federal statues, regulations, or the terms and conditions of the federal award
- at the time of the audit lacked adequate documentation to support compliance or
- appeared unreasonable and did not reflect the actuations a prudent person would take in the circumstances`







# Uniform Grant Guidance – Changes continued



#### **Fixed amount subawards**

 Previously capped at \$250,000; increased to \$500,000, federal agency approval still required



#### **Schedule of Federal Expenditures**

 Proposed changes to disaggregate the SEFA did NOT make the final version!





# Uniform Grant Guidance – Changes continued

Term non-federal replaced with recipient or subrecipient throughout subparts

Increased de minimus indirect cost rate percentage from 10% to 15%

Threshold used to define a capital expenditure increased from \$5,000 to \$10,000

Section 200.407, 9 items removed from requiring prior approval (Real property, equipment, entertainment...)



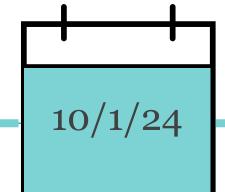


# **General Implementation Provisions**



#### **New Awards**

If no amendments, continue to apply previous version of guidance



#### **New Awards**

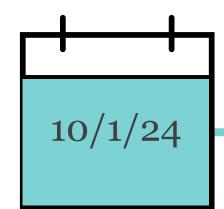


specify, assume to apply 2024 guidance





# General Implementation Provisions



#### **Amendments**

Assume to continue guidance from original award, but Federal agencies "strongly encouraged" to apply 2024 Revisions to additional funds

#### **Subawards**

If Federal agency has amended, must amend existing subawards
If the Federal agency applies a previous version, subaward must follow even if issued after 10/1/24





# Challenges with Equipment Thresholds



Difficult to simultaneously track these items for existing awards at the \$5,000 threshold.



Exemption granted in applying the 2024 Provisions for equipment and unused supplies



Recipients may instead use the revised equipment thresholds of \$10,000 provided in the 2024 Revisions <u>if permitted by the Federal</u> agency that made the award.





# 2024 Revisions and Single Audits

Single audit threshold increase from \$750,000 to \$1 million

Type A threshold to \$1 million

Modified definition of questioned costs

 Effective for non-Federal entities' fiscal year beginning on or after 10/1/24 (i.e. audits of fiscal year ending on or after September 30, 2025)





Do you think the exception allowed related to equipment thresholds is helpful for your institution?

- a) Yes, this will ease our challenges with compliance
- b) No, there will still be challenges
- c) Unsure, we are still evaluating the impact on operations









Financial Responsibility,
Administrative Capability,
Certification Procedures,
Ability to Benefit; a Rule by
the Education Department
on 10/31/23

Responsibility,
Administrative Capability,
Certification Procedures,
Ability To Benefit (ATB)





Section 668.23(d)(1) – require the reporting of **all** related-party transactions in the notes to the financial statements

Requirement to disclose in the notes to the financial statements if there are **no** related-party transactions







Existing regulations require a broader set of disclosures than US GAAP



Level of detail that would allow the Secretary to readily identify the related party such as;

- Name
- Location and description of entity
- Nature and number of transactions (financial or otherwise)
- Routine de minimis transaction such as meals for board members do not need to be reported





#### Related Parties Include:

A.

**Affiliates** of the entity

- B.
- Entities for which investments in their equity securities would be required, absent the election of the fair value option under the Fair Value Option Subsection of Section 825-10-15, to be accounted for by the equity method by the investing entity
- C.
- **Trusts for the benefit of employees**, such as pension and profit-sharing trusts that are managed by or under the trusteeship of management



### Related Parties Include:

D.

**Principal owners** of the entity and members of their **immediate families** 

E.

Management of the entity and members of their immediate families





#### Related Parties Include:

F.

Other parties with which the entity may deal if one party controls or can significantly influence the management or operating policies of the other to an extent that one of the transacting parties might be prevented from fully pursuing its own separate interests

G.

Other parties that can significantly influence the management or operating policies of the transacting parties or that have an ownership interest in one of the transacting parties and can significantly influence the other to an extent that one or more of the transacting parties might be prevented from fully pursuing its own separate interests.





#### **Affiliate**

A party that, directly or indirectly through one or more intermediaries, controls, is controlled by, or is under common control with an entity.

#### Control

The possession, direct or indirect, of the power to direct or cause the direction of the management and policies of an entity through ownership, by contract, or otherwise.

#### Management

Persons who are responsible for achieving the objectives of the entity and who have the authority to establish policies and make decisions by which those objectives are to be pursued.





# Common Examples

- 1 Donations from governance members
- Donations from upper management

- Investments accounted for under the equity method of accounting
- 4 managed or trusteeship of management

- 5 Affiliates (for example, childcare center)
- 6 meet the definition of related party







# Transactions to be disclosed

- Activities (revenues and expenses)
- Assets
- Liabilities
- Off "balance sheet"





#### Name

• Trustee A?

#### Description

Why are they a related party?

#### Location

College location?

#### **Nature**

What type of transaction is it?





Related Party	Location	Nature	Revenue (Expense)	Asset (Liability)	Other	
Party A	Albany, NY	Contribution	750,000			
		Promise to Give		120,000		
Party B	Albany, NY				1,000,000 22,000,000	Line of credit Letter of credit
Party C	Albany, NY	XY Defined Contribution Plan			See Note 7	
Etc.						







# 3 sets of financial statements?



No related party transactions?







- Announcement uses FASB definition of related party
- eZ audit edit check
- Other



Letter from an official stating that the institution is backed by the full faith and credit of that government entity

- Title IV first time
- Recognition as public institution
- Upon request from ED





# T

Governance informed



How does management identify related parties



Memo on "grey" interpretations

Draft footnote





Which of the following is a related party that would need to be disclosed if my institution had transactions with it:

- a) College mascot
- b) Trustee B has a board position at a company that does business with the College
- c) Head football coach
- d) Company that pays for the right to use College logos on apparel







# Dear Colleague Letter



# Dear Colleague – February 14, 2025

# Legal Requirements under the Civil Rights Act

Discrimination on the basis of race, color, or national origin

- Admissions
- ✓ Financial aid
- √ Hiring
- ✓ Training
- ✓ Institutional programing





## Dear Colleague - February 14, 2025

ED intends to take appropriate measures to assess compliance beginning not later than 14 days from 2/14/25

Ensure policies and actions comply with civil rights law

All institutions advised to;

Cease all efforts to circumvent prohibitions on the use of race to accomplish such ends

Cease reliance on third-party contactors, clearinghouses, or aggregators that are being used to circumvent prohibited uses of race

Failure to comply with civil rights law may face loss of federal funding





# Composite Score Calculations: Pre- and Post- Implementation Debt

(Nonprofit and Proprietary institutions only)



## Dear Colleague Letter: GEN-24-11

#### Issued December 20, 2024

Provides several scenarios to clarify how property, plant, and equipment (PP&E) and non-bond long-term debt are treated for the composite score calculation. It also provides alternative options for the treatment of bond long-term debt. In addition, it provides information about pre- and post-implementation leases.



To address confusion regarding the correct manner in which to calculate the impact of long-term debt as it relates to PP&E for determining an institution's composite score.

## Background

ED issued a Dear Colleague Letter allowing all long-term debt in the Primary Reserve Ratio, limited to the institution's PP&E.

23 Sep. 2019

15 July 2003

ED issued final regulations, superseding 2003 guidance and updating the composite score calculation, effective July 1, 2020.





#### **Debt Classification**





REPORTED IN FINANCIALS BEFORE 7/1/20; CANNOT EXCEED PP&E RECORDED BEFORE 7/1/20.



**POST-IMPLEMENTATION DEBT:** 

REPORTED IN FINANCIALS AFTER 7/1/20.





#### Refinanced Debt

## Pre-Implementation Long-Term Debt:

- Cannot exceed the book value of preimplementation debt at the time of refinance.
- If proceeds are over this amount, classify the debt as post-implementation debt.

## Post-Implementation Long-Term Debt:

 Proceeds used for acquiring postimplementation PP&E qualify as postimplementation debt up to the book value of the new PP&E





#### **Refinanced Debt**

#### **Additional Considerations**



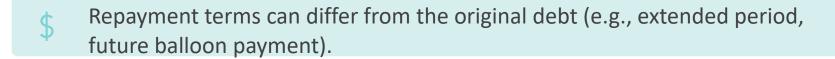
Does not need to be refinanced with the same lender/creditor.



Must reflect an arms-length transaction.



Cannot be a credit facility or related party debt.





Costs of refinancing are not considered proceeds because the financial institution will pay any costs before proceeds are distributed.





How confident are you in applying the rules for refinancing debt as pre-implementation or post-implementation debt?

- a) Very confident
- b) Somewhat confident
- c) Not confident
- d) Doesn't apply to me





## Example 1

- Outstanding debt of \$85k
   refinanced for \$85k
- No new debt
- \$85,000 of the refinanced debt qualifies as preimplementation long-term debt
  - No proceeds were received, and it does not exceed the book value of the PP&E

	<u> </u>	<u>DEBT</u>
Pre-Implementation Balance	\$ 100,000	\$ 200,000
Depreciation	(10,000)	-
Payments on Debt		(115,000)
Post-Implementation Balance	\$ 90,000	\$ 85,000





## Example 1 (Subsequent Year- original debt)

- \$70,000 remaining balance of the refinanced debt qualifies as pre-implementation longterm debt
  - It does not exceed the current book value of the preimplementation PP&E (\$80,000)

Subsequent Year	<u>PPE</u>	<u>Debt</u>
Pre-Implementation		
Balance	\$ 90,000	\$ 85,000
Depreciation	(10,000)	-
Payments on Debt		(15,000)
r dyments on Debt		(13,000)
Post-Implementation Balance	\$ 80,000	\$ 70,000





## Example 1 (Subsequent Year- new debt)

The \$40,000 of new long-term debt qualifies as postimplementation long-term debt because it does not exceed the current book value of the *post*implementation PP&E (\$48,000).

New Layers	<u>PPE</u>	<u>Debt</u>
PPE purchases	\$ 50,000	\$ -
New debt	-	40,000
Depreciation	(2,000)	-
Payments on Debt		
	\$ 48,000	\$ 40,000





## Example 1 (Subsequent Year- new debt)

- Only \$18,000 of the new longterm debt qualifies as postimplementation long-term debt
  - Post-implementation long-term debt cannot exceed the ending book value of the postimplementation PP&E (\$18,000)

New lease	PPE	<u>Debt</u>
PPE purchases	\$ 20,000	\$ -
New debt	-	20,000
Depreciation	(2,000)	-
Payments on Debt	<u>-</u>	<u>-</u>
	\$ 18,000	\$ 20,000





## Example 1 - Primary Reserve Ratio

#### *Inputs*

- Pre-Implementation PPE \$80,000
- Post-Implementation PPE \$66,000
- Pre-Implementation Debt \$70,000
- Post-Implementation Debt \$58,000

#### **PRIMARY RESERVE RATIO**

\$ 30,380	Net assets without donor restrictions
23,600	Net assets with donor restrictions
(17,600)	Net assets restricted in perpetuity
(1,000)	Donor restricted annuities, term endowments, life income funds
(146,000)	Property, plant, and equipment/Right-of-use of asset (pre- and post-implementation)
	Debt for long-term purposes and lease obligations (pre-
128,000	and post-implementation)
\$ 17,380	Expendable Net Assets
\$102,160	Total operating expenses
	Sale of fixed assets (if loss)
\$102,160	Total Expenses/Losses
0.17	01 Primary Reserve Ratio





### Example 2

- Outstanding debt of \$85k
   refinanced for \$90k
- No new PPE, no other new debt
- Even though BV of PPE is \$90k and debt is \$90k, none of the refinanced debt qualifies as preimplementation since proceeds were received.

	PPE	<u>Debt</u>
Pre-Implementation Balance	\$ 100,000	\$ 200,000
Depreciation	(10,000)	-
Payments on Debt	-	(115,000)
Proceeds from refinancing	_	5,000
Post-Implementation Balance	\$ 90,000	\$ 90,000





## Example 2 - Primary Reserve Ratio

#### *Inputs*

- Pre-Implementation PPE \$90,000
- Pre-Implementation Debt \$0

#### **PRIMARY RESERVE RATIO**

	implementation)
_	Debt for long-term purposes and lease obligations (pre- and post-
(90,000)	Property, plant, and equipment/Right-of-use of asset (pre- and post-implementation)
(1,000)	Donor restricted annuities, term endowments, life income funds
(17,600)	Net assets restricted in perpetuity
23,600	Net assets with donor restrictions
\$ 30,380	Net assets without donor restrictions

\$102,160	Total operating expenses
	_Sale of fixed assets (if loss)
\$102,160	Total Expenses/Losses

-0.5347 Primary Reserve Ratio





### Example 2 - Primary Reserve Ratio

#### *Inputs*

- Pre-Implementation PPE \$90,000
- Let's assume we refinanced and received no proceeds and pre-Implementation Debt \$85,000
- Primary reserve ratio from
  -.5347 to .2974

\$ 30,380	Net assets without donor restrictions	
23,600	Net assets with donor restrictions	
(17,600)	Net assets restricted in perpetuity	
(1,000)	Donor restricted annuities, term endowments, life income funds	
(90,000)	Property, plant, and equipment/Right-of-use of asset (preand post-implementation)	
85,000	Debt for long-term purposes and lease obligations (pre- and post-implementation)	
\$ 30,380	Expendable Net Assets	
\$102,160	Total operating expenses	
	_Sale of fixed assets (if loss)	
\$102,160	Total Expenses/Losses	
0.2974 Primary Reserve Ratio		





## Example 3

- Outstanding debt of \$85k refinanced for \$90k
- No other new debt
- None of the refinanced debt qualifies as pre-implementation since proceeds were received. However, if \$5,000 proceeds used to purchase PPE of \$4,500, then \$4,500 is postimplementation debt

	<u> PPE</u>	<u>Debt</u>
Pre-Implementation Balance	\$ 100,000	\$ 200,000
Donraciation	(10,000)	
Depreciation	(10,000)	-
Payments on Debt	-	(115,000)
Proceeds from refinancing		5,000
rioceeus iroini reiliiancing		3,000
Post-Implementation Balance	\$ 90,000	\$ 90,000





### Bond Refinancing (Restricted for PPE)

- Qualification: If bond refinancing results in proceeds restricted for PPE, the bond may qualify as post-implementation debt under certain conditions.
- Disclosures: Requires additional note disclosures and specific presentation in financial statements.
- Documentation: Supporting documentation must be submitted with eZ-Audit.
- **Guidance:** The Department expects to issue an Electronic Announcement for additional guidance.





#### Leases



December 15, 2018, is the date to distinguish between pre- and post-implementation leases.



May opt out of differentiating between pre- and post- but cannot change distinction once made.

If this distinction was not made in first year of 2016-02 adoption,
Department will assume it has opted out.









Intended to inform the Department of Education when precarious situations are likely, imminent or ongoing.

Part of Financial Responsibility rules





## Mandatory (14)

Clearly defined and can lead to automatic intervention

## Discretionary

 More loosely defined and allow ED to assess responsibility for each occurrence





Event	Result
Institution with composite score less than 1.5 is required to pay a debt or incurs a liability from settlement that results in recalculated score of less than 1.0	Failure of financial responsibility
Lawsuit after 7/1/24 by Federal or State authorities in which the Federal Government has intervened	Automatic failure
Process of change in ownership must pay a debt or settlement at any point through second full year	Failure if recalculated composite score less than 1.0





Event	Result
Condition in agreements with creditor that could result in a default or adverse condition due to an action by ED or a creditor terminates	Automatic failure
Formal declaration of financial exigency	Automatic failure
Enter into receivership	Automatic failure
ED initiates a proceeding to recoup the cost of approved borrower defense claims	Failure if recalculated composite score less than 1.0





Event	Result
50% of title IV, HEA aid received for programs that fail GE thresholds	Automatic failure
Two most recent official CDRs are 30 percent or greater	Automatic failure
Required to submit teach-out plan by State, ED or another agency or oversight body for reasons related to financial concerns	Automatic failure





Event	Result
Proprietary institution dud not meet 10% of revenue from sources other than federal educational assistance	Automatic failure
Proprietary institution with score less than 1.5 has a withdrawal of owners equity that results in a score less than 1.0	Failure if recalculated score less than 1.0
Institutions with 50% ownership listed on a public exchange not in compliance with listing requirements	Automatic failure
Institution receives a contribution in last quarter, then makes a distribution in first quarter resulting in score less than 1.0	Automatic failure





### Discretionary

- Accreditor actions
- Other creditor events
- Fluctuations in title IV volume
- High dropout rate
- Interim reporting
- Pending borrower defense claims
- Program discontinuation

- Location closures
- State actions
- Loss of institutional or program eligibility
- Exchange disclosures
- Actions by another Federal agency
- Other teach-out plans
- Other events or conditions



Reporting

Generally, 21 days from a point defined in section 668.171(f)

Trigger happens

- Irrevocable letter of credit
- Cash escrow
- Not less than 10% of total Title IV; can stack protection up to 50% for each failed trigger
- May not be required if institution can demonstrate event has been resolved or insurance covers loss







#### **Public institutions**

- Section 668.171(g)(C)(iv)
  - Public schools violate financial responsibility requirements if they meet the criteria of automatic or discretionary triggering events
  - Financial protection not required
  - Additional reporting requirements such as heightened cash monitoring







#### **GASB Standards**



## GASB 100 Accounting for Changes and Error Corrections



Effective date

June 30, 2024



#### **New requirements:**

Updated disclosure guidance for:

- Accounting principles
- Accounting estimates
- Correction of errors

Required to disclose line items impacted by the change even if beginning balances remain the same



#### **CLA** can help

By assisting with or evaluating financial statement disclosure updates





#### GASB 101 Compensated Absences



Effective date

December 31, 2024



#### **Updated framework**

- Revaluate leave policies
- Liability must include any accumulated leave that is unused or used but unpaid
- Footnote disclosures will be enhanced



#### **Examples include**

- Sick leave not paid at termination
- Parental leave
- Military leave and jury duty that has commenced



#### **CLA** can help

By evaluating the standard related to compensated absences and assisting with or evaluating in financial statement disclosures



#### GASB 102 Certain Risk Disclosures

#### **CLA** can help

By assisting with or evaluating financial statement disclosure updates



Effective date

June 30, 2025



## Increased footnote disclosures surrounding risk:

- Limitations on raising revenues
- Concentrations related to tax revenue or vendors
- Debt or mandated spending especially unfunded mandates
- Impact of major employer leaving the community
- Collective bargaining agreements





## GASB 103 Financial Reporting Module

#### **CLA** can help

By assisting with or evaluating financial statement disclosure updates



June 30, 2026

Effective date



#### Impacts financial statement presentation

Updated disclosure guidance for:

- MD&A consistency
- Clearer definition of unusual or infrequent items
- Presentation of proprietary fund statements
- Major component unit information
- Budgetary comparison information





## GASB 104 – Disclosure of Certain Capital Assets



Effective date

June 30, 2026



## Will clarify how capital assets are disclosed in financials:

- Capital assets held for sale and related pledged debt
- Leased assets
- Subscription assets
- Right to Use PPP assets
- Other intangible assets



#### **CLA** can help

By assisting with or evaluating financial statement disclosure updates



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#### **FASB Standards**

Standards Effective for 2024 Year Ends or Able to be Early Adopted



### ASU 2020-06 Debt



Effective date

December 31, 2024



# Debt with conversion and other options

- For convertible debt, there may be a positive income boost
- Interest expense will be more reflective of the contractual interest rate
- Enhanced disclosures



Consult as needed





#### **ASU 2021-08 Business Combinations**



Effective date

December 31, 2024



#### **Accounting for contract assets and liabilities**

- An acquirer needs to account for acquired revenue contracts under ASC 606 as if it had originated the contracts versus fair valuing the related contract assets and liabilities
- Requires reviewing the correct application of ASC 606 to the acquired revenue contacts





# ASU 2022-01 Derivatives and Hedging



Effective date

December 31, 2024



#### Fair Value Hedging – Portfolio Layer Method

- Before ASU 2022-01: Only prepayable financial assets could be included in a closed portfolio hedged using the last-of-layer method.
- After ASU 2022-01: Both prepayable and nonprepayable financial assets can be included in a closed portfolio hedged using the portfolio layer method.





#### ASU 2023-01 Leases

Likely already adopted, otherwise CLA can help!



December 31, 2024
Early Adoption is Permitted



#### **Common control arrangements:**

- Practical expedient to use written terms (if they exist) to determine existence, accounting, and classification of a lease
- Provides for amortizing leasehold improvements over the useful life of the improvements to the common control group (regardless of the lease term)





# 2023-02 Investments — Equity Method



December 31, 2025
Early Adoption is Permitted



# Accounting for investments in tax credit structures using the proportional amortization method

- Permits reporting entities to elect to account for their tax equity investments, regardless of the tax credit program
- Allowed to use the proportional amortization method if certain conditions are met





#### 2023-05 Business Combinations



By evaluating the standard on joint ventures



Effective date

December 31, 2025

Early Adoption is permitted



# Joint venture formations — combinations beginning January 1, 2025

- Requires new basis of accounting upon formation
- Recognize and initially measure its assets and liabilities at fair value
- Minor exceptions consistent with the business combinations guidance





# 2023-08 Intangibles



Effective date

**December 31, 2025** 

**Early Adoption is Permitted** 



#### **Goodwill and other — crypto assets**

- Application mainly in client accounting and advisory services nonattest environments
- Require an entity measure crypt assets at fair value in the statement of financial position
- Recognize changes from remeasurement in net income
- Enhanced disclosures







Nonpublic Entities Effective date

**December 31, 2026** 

**Early Adoption is Permitted** 



Requires ALL entities to qualitatively disclose information of reconciling items between the statutory tax rate and effective tax rate



Most of the standard is for public companies



All entities must disclose additional information about income tax expense, income taxes paid, and segregation of taxes paid to individual jurisdictions



# 2024-01 Compensation



By evaluating management's policy and controls over valuing the current price input.



Effective date

**December 31, 2026** 

**Early Adoption is Permitted** 



# Stock Compensation - Determining the Current Price of an Underlying Share for Equity-Classified Share-Based Awards

- Simplifies the process for determining the fair value of share-based awards.
- Provides a practical expedient for nonpublic companies to determine the "current price input" of equity-classified share-based payment awards





# 2024-04 Debt with Conversion and Other Options



Effective date

Annual reporting periods after

December 15, 2025

Early Adoption is Permitted for those that adopted ASU 2020-06

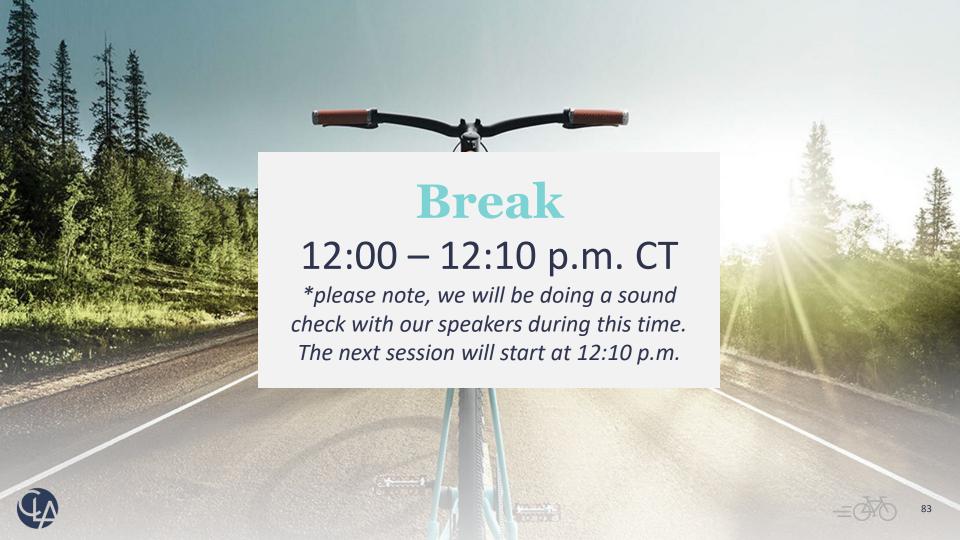


# Induced Conversions of Convertible Debt Instruments

- Affects entities that settle convertible debt instruments for which the conversion privileges were changed to induce conversion.
- Clarifies the requirements for determining whether certain settlements of convertible debt instruments should be accounted for as an induced conversion versus a debt extinguishment









# Future-Ready

Generational Diversity and Hybrid Work



Recognize the dynamics of generational diversity in the workforce

# Learning Objectives

Discuss strategies for adapting to hybrid work environments in higher education

Identify how college leaders are navigating rapid workplace transformations with innovation and resilience



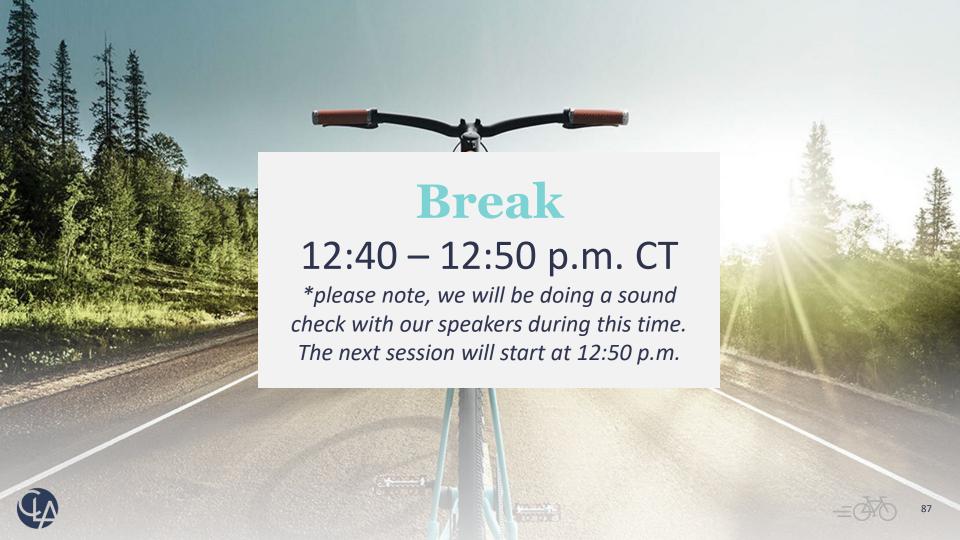


# How much of your workforce is remote/hybrid?

- a) Very little
- b) Moderate
- c) Head football coach
- d) Significant, and I'd like CLA to contact me to discuss how they can help









#### Game On

Understanding the NIL and NCAA Reforms



# Learning Objectives

Describe the recent changes in NIL (Name, Image, Likeness) policies and NCAA regulations

Discuss the impact of these changes on college sports and athlete recruitment



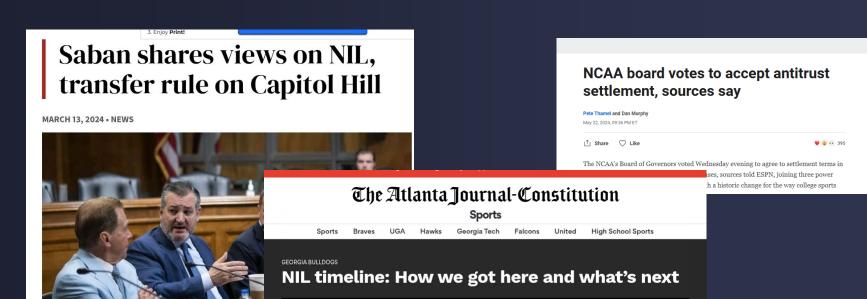


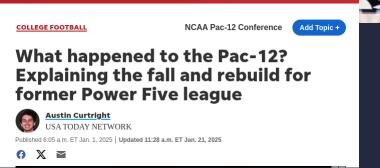
How effective has your institution been at addressing NIL and changes in athletics?

- a) Very effective
- b) Somewhat effective
- c) We are not making progress, and I would like CLA to contact me to discuss how they can help.





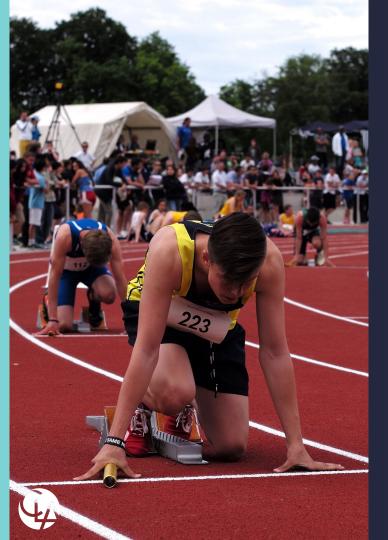












## Agenda



#### Timeline of Changes in NCAA Athletics

- NIL
- Transfer Portal
- Conference Realignment



#### **Panel Discussion**

- Challenges
- How schools are pivoting





- Best practices
- How CLA can help



## Disclaimer

This topic is rapidly developing, and new information is released frequently. Recent legal rulings and other ongoing litigation can impact how schools are currently operating.

This presentation was given with our knowledge of the current state of NIL and NCAA bylaws.





#### **Introductions**



13 years of public accounting experience (10 years with CLA).

Focused on professional and collegiate athletes since 2016. (CLA collaborates with over 200 current and retired professionals).

Played college golf (NCAA) at St. John's University (MN).



Jean Bushong, CPA, Principal

Has worked with higher education institutions for almost 30 years.

Performs agreed-upon-procedures for NCAA .

College sports fan!





### **Our Panel**



Jacque Bruns
Deputy Athletic
Director, CFO, Senior
Woman Administrator



Cory Hilliard
Sr Associate Athletic
Director, Business Ops,
Chief Athletic Financial
Officer



Tim McCleary
Sr Associate Athletic
Director, Business
Ops and Planning,
CFO







# Background and Timeline



# Timeline of NCAA Athletics Changes – the beginning

#### 1956

Allowed athletic scholarships without record for academic ability or financial hardships

#### 1975

Limited scholarships to tuition books, and board

#### 1984

Supreme Court ruling gave schools more autonomy to negotiate broadcast rights

#### 2009

Ed O-Bannon class action lawsuit - EA Sports Video Basketball game – use of likenesses without consent

#### 2014

Northwestern University football players petitioned to be employees/allow union





## Timeline of NCAA Athletics Changes – Now





#### What Is NIL?

#### NIL = Name, Image, and Likeness

**Prior to 2021, NCAA rules prohibited** student-athletes from profiting on their name, image and likeness

Generally, includes things like **endorsements**, **commercials**, **appearances**, **autograph signings**, **social media posts** and **advertisements**, and other **business activities - youth camps** 

NIL deals are not direct payments from universities (paying student-athletes) but **compensation by third parties** 





# What are NIL Collectives?

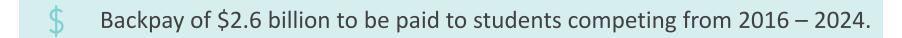
Organizations established by boosters and fans of a university's athletic program to develop and fund or otherwise facilitate NIL deals for student-athletes







#### NCAA v House Settlement





Future athlete revenue sharing

Permissive, not required



Eliminates scholarship limits



**Roster limits** 



NIL third-party deals must be approved through a clearinghouse





# Changes = Challenges

#### Name, Image, Likeness

Students could now be paid, but many rules and tax implications.

#### **House Settlement**

Roster limits could harm athletes who want to compete.

#### Recruiting

**Conference Realignment** 

Future budgets significantly

impacted. How to properly plan?

While NIL is not to be used in recruiting; difficult to enforce.

#### **House Settlement**

Title IX implications?

#### **Transfer Portal**

Athlete instability; players transferring for financial incentives.

#### **House Settlement**

Athlete payment - employee?

#### **Various Changes**

Updating systems and monitoring to keep up with changes.







### **Panel Discussion**



#### Panel Discussion





Jacque Bruns
Deputy Athletic Director, CFO,
Senior Woman Administrator



Cory Hilliard

Sr Associate Athletic Director,
Business Ops,
Chief Athletic Financial Officer





**Tim McCleary**Sr Associate Athletic Director,
Business Ops and Planning, CFO







# **Closing Remarks**



## **How CLA can help**

- Educational classes
- Tax assistance
- Revenue projections
- Employee vs contractor tax compliance
- Budgeting









## Questions?



#### Thank you!

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Jean Bushong jean.bushong@CLAconnect.com (303) 265-7884



CLAconnect.com





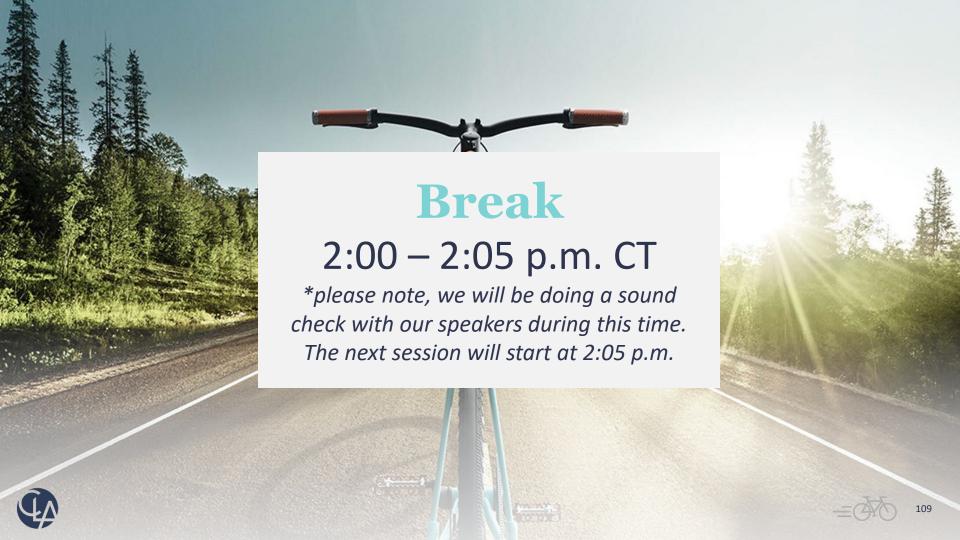






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### **Ethical Hacking**

A Primer on Penetration Testing for Non-IT Professionals



### Learning Objectives

Recognize the fundamentals of penetration testing: Gain a foundational understanding of what penetration testing entails, its purpose, and its importance in the cybersecurity landscape

Discuss real-world case studies: Recall case studies that demonstrate the practical application of penetration testing in real-world scenarios, highlighting successes and lessons learned

Recognize compliance considerations: Discuss the compliance requirements associated with penetration testing and conducting activities ethically





# How often is your institution performing a penetration test?

- a) Annually
- b) Once in a while
- c) Not sure, but we have enough resources to handle it internally
- d) Not sure, and I would like CLA to contact me to discuss how they can help





### Raise Your Hand if You Work for a Tech Company

**Security Cameras** 

**Motion Sensors** 

**Automated Lighting** 

**Print Vendors** 

**Smart TV Displays** 

HVAC

Controllers and PLCs

Digital Assistance

Cloud Applications & Analytics

Bio-Medical Care & Monitoring

"Presence"



Garage door
Home thermostat
Cable TV remote
Smart TV
Sleep number bed
Roomba

Apple Watch or FitBit

"Hey Siri, what's my balance?"

"Presence"

Stand Up If...





### Ethical Hacking...







### What is a Penetration Test?

- A process to evaluate the security of a system by simulating a cybersecurity attack.
- Key goals include:
  - Validating expectations related to security are aligned
  - Objective, independent, and expert evaluation of the systems security
     sometimes done for quality control
  - Identify and verify vulnerabilities and their exploitability
  - Quantify and qualify the risk of individual / discreet vulnerabilities and the impact they may have to individual systems and the organization as a whole







### Governance, Compliance and Risk Management

A wide variety of regulatory compliance and governance frameworks require penetration testing. Examples include:

- GLBA, FTC, HIPAA, NERC/CIP
- PCI-DSS, CMMC, SOC
- NIST, CIS, HITRUST, ISO

- Regulatory requirements
- Contractual obligations
- Governance frameworks

Testing can follow any or a combination of the following:

- Collaborative vs uniformed "White box" vs "Black box"
- Red Team, Blue Team, Purple Team
   "Capture the flag"





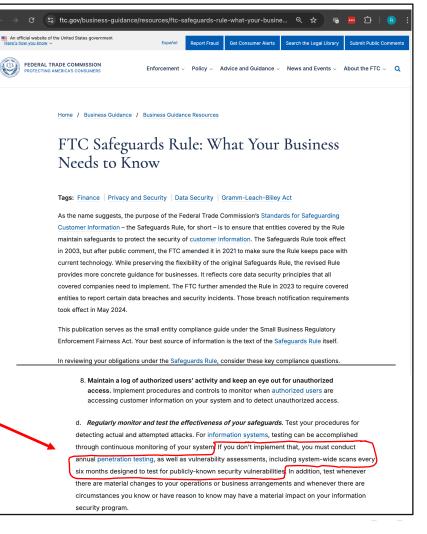
### Regulatory

# GLBA and the FTC Safeguards rule require penetration testing

- Penetration testing required once per year AND after significant changes.
- System wide vulnerability assessments every 6 months...

https://www.ftc.gov/business-guidance/resources/ftc-safeguards-rule-what-your-business-needs-know

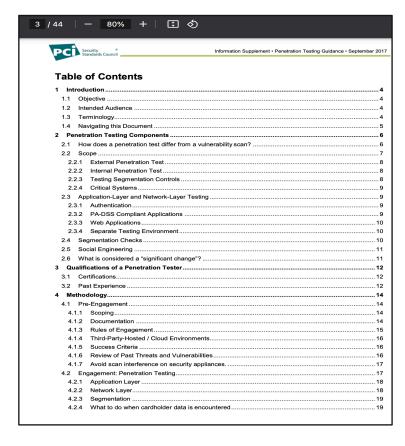




### Contractual

#### **PCI** Penetration Testing Guidance

- Penetration testing required once per year AND after significant changes
  - External and Internal
- Guidance on how to define scope, types of testing, and how to perform testing



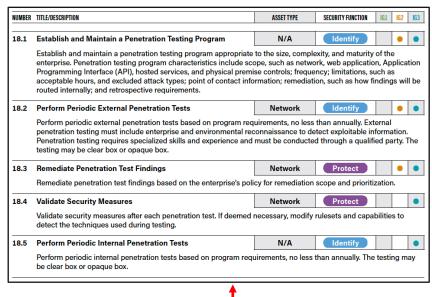




### Standards Framework

#### CIS Critical Controls Version 8









### Standards and Defined Processes

There are a variety of standards for penetration testing

• NIST SP 800-115 (Technical Guide to Information Security Testing and Assessment)

PCI-DSS (Payment Card Industry Data Security Standard)

OWASP (Open Worldwide Application Security Project)

OSSTMM (Open Source Security Testing Methodology Manual)

• PTES (Penetration Testing Execution Standard)

These define how to do the testing (hint: they all say largely the same thing...)

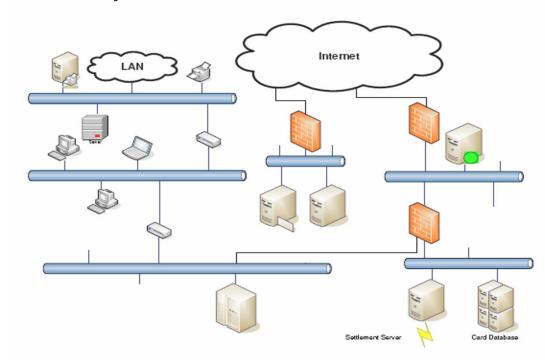




### How Do We Define the Scope?

 Defining the scope and process depends on a number of factors:

- ✓ Goals and objectives
- ✓ Size and complexity
- ✓ What are the assets that need to be protected







### Stages of a Penetration Testing

- Planning
- Information Gathering
- Vulnerability assessment and scanning
- Manual testing, exploitation, privilege escalation, lateral movement, and persistence
- Reporting
- Retesting



Exploitation





### **Execution of a Penetration Test**

 The preceding slides culminate in one or more the of the following assessment "types"

#### **External Penetration Testing**

- In-house Infrastructure, websites and applications, email and remote desktop
- Cloud hosted infrastructure and applications

#### Internal Network Penetration

- Firewalls, routers, wireless, infrastructure
- Servers, applications, automated systems
- · Workstations and peripherals

#### **Social Engineering Testing**

- Spear Phishing
- Pre-text calls (Vishing)
- · On-site/in-person social engineering

#### **Custom Penetration Testing**

- · Hardware and device penetration testing
- Application penetration testing





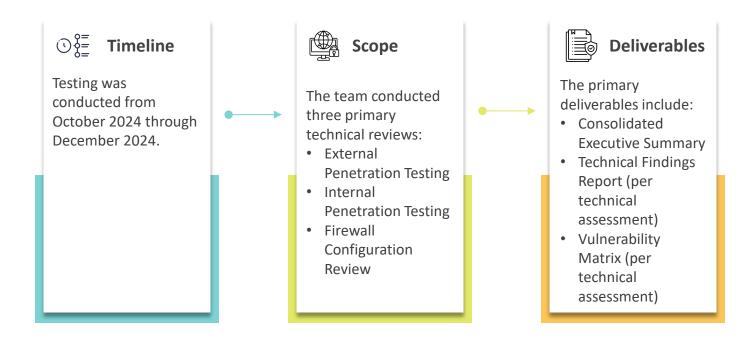


### Case Study



### **Engagement Overview**

In Q4 of 2024 multiple technical assessments to assess the organization's current security posture and develop a strategic roadmap for future state enhancements.







### Key Themes and Potential Risks

During the engagement, the team identified key themes and examples of areas of improvement to consider as you enhance your overall security posture.

#### **Configuration Management**

- Multiple instances of weak and/or outdated services
- Configuration file with clear text passwords on the internal network

#### **Network Configuration**

- Demilitarized Zone (DMZ) not being utilized
- Legacy protocols are vulnerable to attack
- Internal network is not segmented to restrict traffic flow

#### **Patch Management**

- Outdated systems and software present in the environment
- Unsupported operating systems were present in the environment

#### **Password Management**

- 65% of passwords in use were cracked, including 10 privileged users
- Default credentials were found on systems





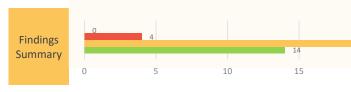
### Assessment Results - Ext. Penetration Test



Based on the assessment of the external attack surface, the team identified the following vulnerabilities.

Scope

- Public IP Addresses (11.222.333.44/27)
- Employees via Spear Phishing Exercise



#### **Summary of Findings**

#### **Findings:**

Default / weak configuration settings on externally exposed systems Phishing simulation resulted in unauthorized access

**Details:** Several internet-exposed systems had misconfigurations:

- Weak encryption protocols/ciphers/certificates
- Insecure configuration settings and file transfer services on web services
- Staff provided credentials and ran executable code from phishing link(s)

**Recommended Remediation:** Improve processes to harden configuration standards to any system that is exposed to the internet.

- Harden web applications and enable strong encryption
- Use secure file transfer services
- Train and test users through automated services and penetration testing

#### **Key Focus Area**



45% of the external vulnerability findings were sourced from 11.222.333.xx (https://portal.sample.com/Default.aspx)





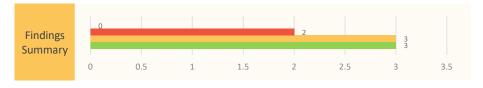
### Assessment Results - Firewall Penetration Test

Risk Rating Legend Critical High Medium Low

Based on the assessment of the in-scope firewalls, the team identified the following vulnerabilities.



- FortiGate Firewall Configuration
- FortiGate Firewall Rules



#### Summary of High-Risk Findings

Finding: Lack of Internal Network Segmentation

**Details:** The firewall policy is currently configured to allow unrestricted access to all zones within the network (including more than one previously unknown "any-any" rule.

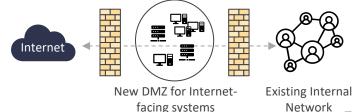
**Recommended Remediation:** Develop network segments based on function and risk and then restrict access to these segments based on business need.



Finding: Lack of Demilitarized Zone (DMZ)

**Details:** The firewall policy supports a DMZ, however none of the public facing services currently utilize it, placing internetfacing systems on the same network as internal assets.

**Recommended Remediation:** Place internet-facing systems within the DMZ to isolate them from internal systems.





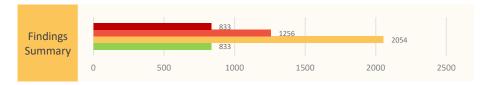
#### Risk Rating Legend Critical High Medium

Low

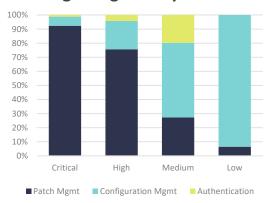
### Assessment Results - Internal Penetration Test

Based on the assessment of the internal environment, the team identified the following vulnerabilities.

- SAMPLE.local
- 172.30.0.0/21
- 192.168.0.0/21



#### Finding Categories by Risk Level



- Patch management was a key theme observed during the internal penetration test
- 960 hosts were missing a patch for at

0 1 1 1 1
least 90 days
The oldest missing
patch was published
in February 2008

Category	Total # of Findings	# of Hosts in this Category	Findings Per Host
Insecure or Misconfigured Services	1,772	534	3.3
Insecure User Account Management	348	191	1.8
Microsoft Patches	711	132	5.4
Third Party Patches	668	132	5.1
Virtualization Patches	328	37	8.9
Weak or Default Passwords	184	534	0.3





### Assessment Results - Password Findings

Based on the assessment of the internal environment, the team identified the following vulnerabilities.

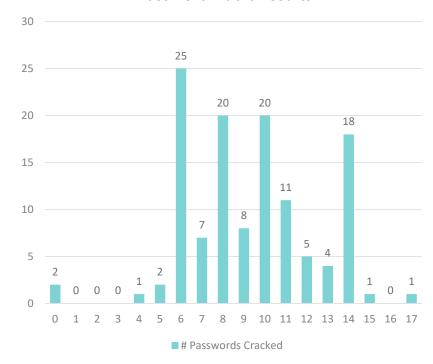


#### **Key Password Observations**

- 65% of user passwords were cracked, including 10 privileged accounts
- Default, vendor supplied passwords were observed on numerous enterprise application servers
- Active Directory GPO Settings Observations:
  - Maximum password age is set to 360 days
  - Account lockout duration set to 2 minutes
  - Minimum password length set at 10 characters

Password Audit	Results
Passwords that were all letters	31
Passwords that were all numbers	4
Passwords containing dictionary words	20
Passwords not meeting Windows complexity settings	53

#### **Password Audit Results**

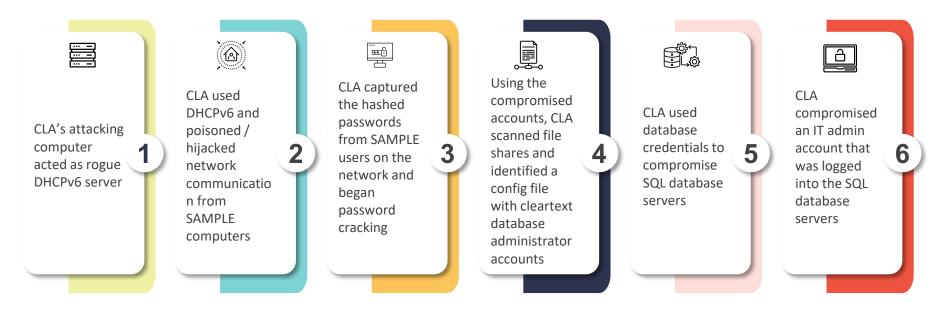






### Assessment Results - Administrator Privileges

During the internal penetration test, the CLA team was able to successfully obtain administrator level privileges within the network.







### Assessment Results - Patching and Endpoint Protection

During the internal penetration test, the assessment team observed multiple exploitable weaknesses caused by legacy unsecured communication protocols, as well as a lack of a robust patching and endpoint protections.



#### **Notable Missing Patches**

- ETERNALBLUE\*
- BlueKeep\*
- Rejetto HTTP server
- Log4J Java instances\*

#### **Device Hardening**

Multiple instances of insecure protocols and outdated infrastructure were identified

#### Microsoft and Third Party Software Patches

 Over 900 hosts were missing critical patches, many were multiple years out of compliance

#### **Configuration Management**

 Observations included files containing cleartext passwords, domain controller settings, and DHCP settings





<sup>\*</sup>Patches known to be exploited by ransomware

### Remediation Recommendations

(0	Key Activities	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
ı,	Access Controls and Password Management							
me	Update password policy							
ë	Force organization wide password refresh and conduct a compliance audit							
Jan	Network Perimeter Security							
ri T	Establish configuration standards and disable legacy /insecure protocols							
Tactical E	Conduct external vulnerability scan to refresh external attack surface risk posture							
	Endpoint and Server Protection							
	Establish configuration standards for internal systems and domain controllers							
	Harden internal services and domain controllers							

ts	Key Activities	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7
ent	Vulnerability Management							
Ĕ	Implement internal and external monthly vulnerability scanning							<b>_</b>
nce	Establish an enterprise patch and vulnerability management program							
hai	Network Security							
E	Implement a DMZ and migrate external services							
Strategic	Establish internal network segmentation and explore zero trust architecture							
	Governance, Risk and Compliance							
	Update key governance documentation to reflect updated environment							
	Conduct NIST CSF readiness assessment							





### Thank you!

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### Closing





Navigating Federal Funding Uncertainty

February 27 | 1 – 2 p.m. CT







## Thank you!



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