



WELCOME TO THE JULY 12, 2023 ISOAG MEETING



AGENDA**Welcome/Opening Remarks****Tina Gaines/VITA****Cyber Storm****Jonathan Smith/VITA****OKTA/Integration KNOW Be4****Chris Kenyon/Wesley Dupree/VITA****KNOW BE4 Update****Tina Gaines/VITA****Upcoming Events****Tina Gaines/VITA****Adjourn**

THERE ARE NO SLIDES DUE TO SECURITY ISSUES FOR JONATHAN SMITH

ISOAG MEETING

JULY 12, 2023



KNOWBE4/OKTA INTEGRATION TESTING PROCESS

**CHRIS KENYON & WESLEY
DUPREE**
Info Technology Specialist I

ISOAG MEETING

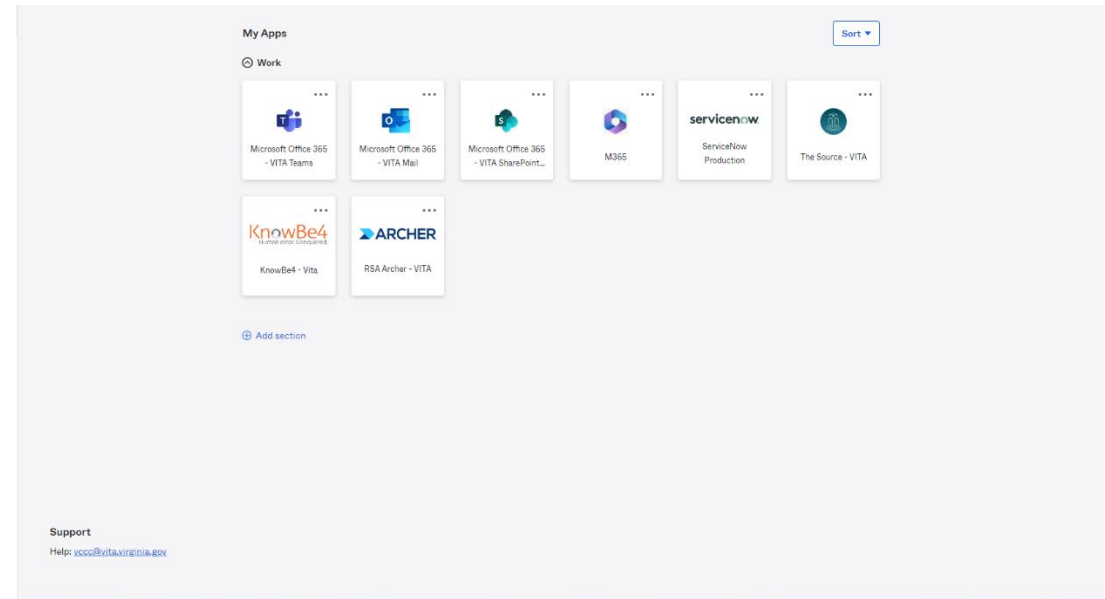
JULY 12, 2023



WHAT IS KNOWBE4 AND OKTA?

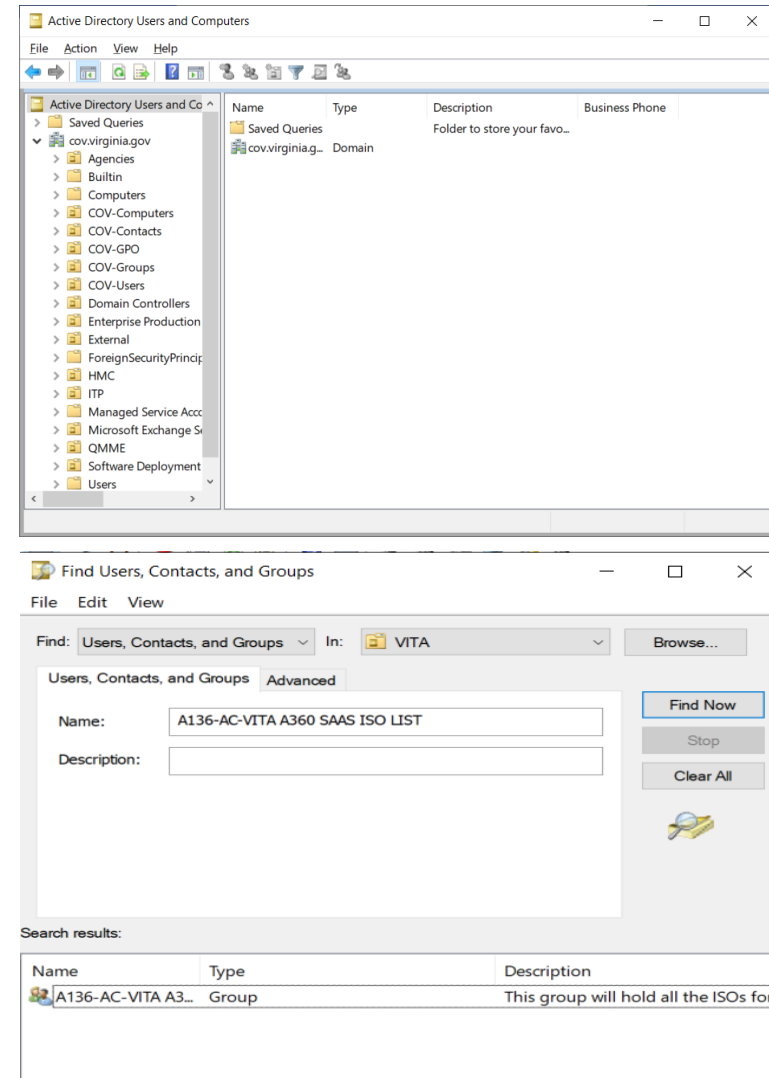
- KnowBe4 is a SAT and phishing simulator platform. It is cloud based and allows admins to assign training to users and send out simulated phishing tests to evaluate user proficiency at identifying threats.
- Okta is a Single Sign-On (SSO) service that provides a secure connection and ease of access to registered users within the agency. Users have a dashboard where the applications they are allowed access to show up as tiles. When a user clicks on one of these tiles they are signed in and taken to that application.

- Login to KnowBe4 can be accomplished in two ways:
 - OKTA Application
 - Bypass Link



- Add users to the KnowBe4-OKTA AD group for testing. When adding users, add at least one user that has a KnowBe4 account and one that doesn't so that you can test if Okta is able to create the KnowBe4 account automatically.
- It may take up to four hours for AD changes to update.
- NOTE:

Okta creates the account in KnowBe4 on first login if the account doesn't exist in KnowBe4.



- Ensure that the users receive the KnowBe4 application tile.
- Things to consider for testing
 - Did the user already have a KnowBe4 Account?
 - Was an account automatically created?



KnowBe4 - Vita

[Launch App](#)

- User Provisioning
 - Import Options
 - CSV
 - ADI Sync (Requires process to run on server in DMZ)
 - SCIM (Similar to ADI Sync)
 - OKTA (Only works for users with an AD account)

- Implement Phishing tool
 - Implementation of the Phishing Tool is targeted for 3rd Qtr. 2023.
 - CSRM is working with KnowBe4 and NTTDATA to whitelist domains for the phishing tool
 - There are 10 domains that are being whitelisted for phishing campaigns. All other domains will be hidden so that the application cannot select them if Random is chosen for the Phishing Link.
 - The list of domains will be provided to ISOs once whitelisting is completed and tested.

- Phishing Alert Button (PAB)
 - Question 10 on the Test Results sheet asks agencies to indicate whether or not they want to use the PAB button.
 - The PAB button will allow a user to report a phishing message from within their Outlook account.
 - CSRM will work with NTTDATA on the configuration and implementation of the PAB button for each agency that wants to use it.
 - The agency will need to provide CSRM with the email address they want to use to receive the reported messages
 - If any agency wants to use PAB, this configuration should be completed before their first phishing campaign so that this information can be captured as part of the campaign.

QUESTIONS?



- For additional details, please consult the following documents
 - [KnowBe4/OKTA Integration Testing Process Checklist](#)
 - [Add Users to a Security Group for OKTA SSO](#)



CYBERSECURITY AWARENESS TRAINING FOR THE COMMONWEALTH

Tina Gaines
KnowBe4 Team Lead
CSRM





- Knowbe4 will be rolled in three phases:
 - Phase One – Those agencies who are currently subscribed to Knowbe4. This phase took place on Jan. 30, 2023. Phase one included over 20 state and independent agencies, two higher ed agencies, the Governor’s Office, and two agencies who did not use Knowbe4. (completed)
 - Phase Two – Majority of the agencies not included in phase one. This phase is schedule to be completed by July 2023. The following has been included in phase two:
 - a. Agencies should have started uploading their users and creating training campaigns
 - b. KnowBe/OKTA Integration
 - Phase Three – This phase will include agencies that might be a little more complex, challenging, or their subscription renewals expire later in the year or next year. This phase is scheduled for completion by December 2023.
 - **Note: All agencies should have their training programs up and running by Sept. 31, 2023.**



What VITA Is Working on:

- Providing continuing KB4 Support to agencies
- Working with KB4 on the issue of not being able to add non domain users
- Working with KB4 on the issue of providing training to agency localities
- Activating the PAB (Phish Alert Button) enterprise wide.
- Enterprise Okta integration.
 - a. VITA has completing pilot testing the KnowBe4/Okta integration with several agencies. We are now rolling out the integrating to the rest of the agencies in phases. Phase one started June 28 and phase two began July 10. Implementation should be completed by July 31.
 - b. Agencies will be notified in advance of their testing schedule.



FRESH TRAINING CONTENT

KnowBe4 – Safe Web Surfing Game

Malicious links and websites are just as numerous as real ones on the internet, which makes avoiding them all the more important. In this game, your users will learn how to differentiate between malicious links and legitimate ones.

Sign up to preview this content now:

<https://info.knowbe4.com/security-awareness-training-preview-monthly-update>

Eleven new pieces of training content added this month. The Safe Web Surfing Game is available across Gold, Platinum and Diamond subscription levels.

The Security Awareness Company – July Newsletter

While information security often focuses on cyberthreats like phishing and malware, there's a non-technical side to protecting data that deserves equal attention.

In this month's edition, *Non-Technical and Physical Security*, your users will learn how to identify low-tech attacks that are used to steal information and the importance of physical security. *The newsletter is available in 18 languages.*

Sign up to preview this content now:

<https://info.knowbe4.com/security-awareness-training-preview-monthly-update>

Nine new pieces of training content added this month. Training content from the Security Awareness Company, including the July newsletter, is available at the Diamond subscription level.

Popcorn Training – Personal Information at Work

As part of the Privacy Series, the *Personal Information at Work* training module helps your users understand the seven principles for the lawful processing of personal data to ensure you are considered compliant.

Sign up to preview this content now:

<https://info.knowbe4.com/security-awareness-training-preview-monthly-update>

Four new pieces of training content added this month. Training content from Popcorn Training, including Personal Information at Work, is available at the Diamond subscription level.





UPCOMING EVENTS



COMMONWEALTH OF VIRGINIA
**INFORMATION SECURITY (IS)
CONFERENCE 2023**



**Revolutionizing IS through Advanced Thinking:
Unleashing the Power of Human Ingenuity and AI**

Save the date for the most innovative Commonwealth of Virginia Information Security conference, yet!

Date: Aug. 17, 2022

Time: 8 a.m. – 3 p.m.

Cost \$125

<https://www.vita.virginia.gov/information-security/security-conference/>

Location: Hilton Richmond Hotel and Spa/Short Pump at 12042 West Broad Street, Richmond, VA 23233.

Join us for a day of thought - provoking discussions and networking opportunities with industry experts.

Keynotes:

Paul Chin Jr., Serverless Developer (Chat GPT)
Elham Tabassi, NIST (NIST AI Framework)





The Conference Committee is still seeking presenters. If you are interested or know someone that would be a great presenter, contact:

isconferencecfp@vita.virginia.gov

Any conference related questions may be sent to:

covsecurityconference@vita.virginia.gov





Elham Tabassi is a Senior Research Scientist at the National Institute of Standards and Technology (NIST) and the Associate Director for Emerging Technologies in the Information Technology Laboratory (ITL). She leads the NIST Trustworthy and Responsible AI program that aims to cultivate trust in the design, development and use of AI technologies.

She has been working on various machine learning and computer vision research projects with applications in biometrics evaluation and standards since she joined NIST in 1999.

She is a member of the National AI Resource Research Task Force, vice-chair of Organization for Economic Cooperation and Development (OCED) working party on AI Governance, Associate Editor of Institute of Electrical and Electronics Engineers (IEEE) Transaction on Information Forensics and Security and a fellow of Washington Academy of Sciences.



Paul is a curious human. He is passionate about exploring technology, art, and business. He advocates for making technology accessible and growing communities to help one another. He has created new markets, guided start-up validations, and architected enterprise platforms. The future is amazing, and he can't wait to help you build it.



- Jenny Heflin, Managing Director at Accenture
- Dr. Andrea M. Matwyshyn, Associate Dean for Innovation and Technology, Penn State Law
- Glenn Schmitz, Chief Information Security Officer, Virginia Department of Behavioral Health and Developmental Services
- Beth Burgin Waller, Chair, Cybersecurity and Data Privacy at Woods Rogers Vandeventer Black
- Michael Watson, Chief Information Security Officer, Virginia Information Technologies Agency
- Wendy Wickens, Cisco

government
technology

>> COVITS



COVITS 2023
Wednesday, Sept. 13, 2023
Open to Public Sector only.

Registration — \$45

<https://events.govtech.com/covits.html>

The next scheduled meeting for the IS Council:

July 19, 2023

12 - 1 p.m. (virtual)

If you would like an invite to the meeting, contact:

johanna.opolski@vita.virginia.gov

August ISOAG MEETING

Aug. 2, 2023

TIME 1- 3 P.M.

SPEAKERS: TBA

The next scheduled IS Orientation:

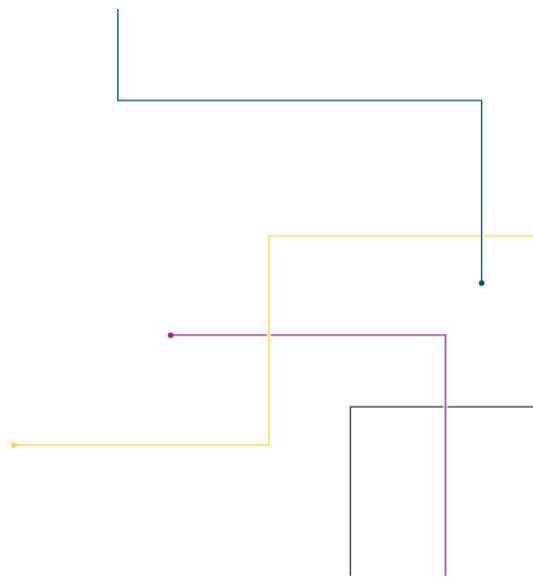
Sept. 27, 2023

12 - 1 p.m. (virtual)

Presenters: Erica Bland
Renea Dickerson
Tina Gaines

<https://covaconf.webex.com/weblink/register/rdc14adee106e50193fac4c9f549ba925>

**MEETING
ADJOURNED**



**VIRGINIA
IT AGENCY**