

Notes 21 July 23

ISACA Scotland Weekly Email 21 July 23

*News and events from ISACA, SASIG and around the internet*

**AGM CPEs have now been uploaded - including those for the online attendees. Any issues contact**

**[newsletter@isaca-scotland.org.uk](mailto:newsletter@isaca-scotland.org.uk)**

**Looking forward to CommuniTy Day on Sat 1st October** and hoping to promote outside events to demonstrate ISACA members' contribution to the wider community

<https://engage.isaca.org/communityday/about>

Have an idea for a group activity ?

Want to participate ?

Willing to be a group organiser ?

**Respond on [newsletter@isaca-scotland.org.uk](mailto:newsletter@isaca-scotland.org.uk)**

**Got feedback and/or suggestions for future events ?**

- Interested in supporting the chapter by joining the Board ,helping to run events or presenting at an event ?
- Got a job to advertise for free ?

**Contact us via [newsletter@isaca-scotland.org.uk](mailto:newsletter@isaca-scotland.org.uk)**

**NEW**

**ISACA UK Customer Service Number.**

**0800 0668549**

**join our LinkedIn Group at**  
**<https://www.linkedin.com/groups/8443092/>**

**Future Events for your diary - links in future mailing**

**Edinburgh All Day Event                      Quarter 3 2023**

**Glasgow Security Panel                      Quarter 3 2023**

### **SASIG Webinars**

**Monday 24 July 2023, 11am-12noon (BST)**

**When attack avenues become dead ends, cybercrime adapts**

**<https://www.thesasig.com/calendar/event/23-07-24-cybercrime/>**

**In H1 2023, an increasing number of previously popular attack avenues turned into dead ends. This forced many cybercriminals to go back to their drawing boards in search of new ways to reach their nefarious goals. In this talk, we will explore several of these new attack vectors, including renewed interest in brute-forcing of exposed MS SQL services and abuse of OneNote files.**

**Wednesday 26 July 2023, 11am-12noon (BST)**

**A deep dive into security awareness engagement taxonomy**

**<https://www.thesasig.com/calendar/event/23-07-26-awareness/>**

**Ask yourself, how many tactics are you using to drive security awareness engagement? If you can count them on one hand, it's time to put aside an hour to join this session.**

**Friday 28 July 2023, 11am-12noon (BST)**

**A sitrep on the war in Ukraine: We live in interesting times**

**<https://www.thesasig.com/calendar/event/23-07-28-worldview/>**

**Join our panel of industry experts as they discuss the war in Ukraine and what it means for us, as they cover:**

- **Can Kyiv continue to bank on Western support?**
- **Have Ukraine's chances of prevailing improved?**
- **What are the implications for the West and for the UK in particular?**
- **How is the conflict spilling into cyberspace?**

### **Future Event**

**Dublin SASIG: In Person**

**Thursday 28 September 2023 9.30am – 3pm**

**<https://www.thesasig.com/calendar/event/23-09-28-dublin/>**

## **ISACA Online**

### **Hot Topics in ISACA Exchange Forums**

#### **Audit and Assurance**

**ISO27001 - Internal Auditor Role**

**Cyber security Audit**

#### **Information and Cybersecurity**

**Learning to manage cyber security threats**

**How to prevent insider threat?**

#### **Risk Management**

**Information Security as Second Line of Defense**

**Mitigating Emerging Technology Risk**

**<https://www.isaca.org/resources/isaca-journal/issues/2023/volume-4/mitigating-emerging-technology-risk>**

**Privacy Risk Management**

**<https://www.isaca.org/resources/isaca-journal/issues/2020/volume-4/privacy-risk-management>**

#### **COBIT and Governance**

**Centralised or federated Control Objective ownership?**

**Governance Oversight in a Multi-Cloud Environment**

**Data Governance framework**

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## **ISACA Media Links**

**Where Data and Behaviors Meet: The Internet of Behaviors**

<https://www.isaca.org/resources/news-and-trends/industry-news/2023/where-data-and-behaviors-meet>

**ISACA CERTIFICATIONS & Certificates – the full list**  
**<https://www.isaca.org/credentialing>**

**ISACA Certifications Free Practice Quizzes**

<https://www.isaca.org/credentialing/cisa/cisa-practice-quiz>

<https://www.isaca.org/credentialing/cism/cism-practice-quiz>

<https://www.isaca.org/credentialing/crisc/crisc-practice-quiz>

<https://www.isaca.org/credentialing/cdpse/practice-quiz>

<https://www.isaca.org/credentialing/cgeit/practice-quiz>

## **Central England Chapter Upcoming Training**

Please email Mike Hughes: < [mhughes@prismra.co.uk](mailto:mhughes@prismra.co.uk) >

*CISA 31<sup>st</sup> July to 4<sup>th</sup> August, for details please [Click Here](#)*

<https://engage.isaca.org/centralukchapter/events/eventdescription?>

[CalendarEventKey=0e4f77ee-23d4-408f-9ffc-a35eadea0d24&CommunityKey=a6ea0125-1f16-445f-a952-0f03353a899e&Home=%2Fcentralukchapter%2Fevents%2Frecentcommunityeventsdashboard](https://engage.isaca.org/centralukchapter/events/eventdescription?CalendarEventKey=0e4f77ee-23d4-408f-9ffc-a35eadea0d24&CommunityKey=a6ea0125-1f16-445f-a952-0f03353a899e&Home=%2Fcentralukchapter%2Fevents%2Frecentcommunityeventsdashboard)

**CISM 17<sup>th</sup> to 21<sup>st</sup> July**, for details please [Click Here](#)  
<https://engage.isaca.org/centralukchapter/events/eventdescription?CalendarEventKey=61a634ae-5e18-408d-8d61-0186076592f0&CommunityKey=a6ea0125-1f16-445f-a952-0f03353a899e&Home=%2Fcentralukchapter%2Fevents%2Frecentcommunityeventsdashboard>

**CRISC 10<sup>th</sup> – 14<sup>th</sup> July**, for details please [Click Here](#)  
<https://engage.isaca.org/centralukchapter/events/eventdescription?CalendarEventKey=fa5ea537-cff1-44f4-bc88-018692a2aacc&CommunityKey=a6ea0125-1f16-445f-a952-0f03353a899e&Home=%2Fcentralukchapter%2Fevents%2Frecentcommunityeventsdashboard>

**CISA, CISM, CRISC, CGEIT, CDPSE - 1:1 Tuition**, for details please [Click Here](#)  
<https://engage.isaca.org/centralukchapter/events/eventdescription?CalendarEventKey=05753591-aefa-4db7-b48d-a647228bc971&CommunityKey=a6ea0125-1f16-445f-a952-0f03353a899e&Home=%2Fcentralukchapter%2Fevents%2Frecentcommunityeventsdashboard>

## **Irish Chapter Upcoming Training**

ISACA Ireland and ISACA Scotland members are charged the same price  
Any queries to - [Everett.Breakey@isaca.ie](mailto:Everett.Breakey@isaca.ie)

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### **LIMITED TIME OFFERS**

**Half Year, Half Price for New Members**

**During the months of June and July**, ISACA will offer a “half year, half price” promotion on ISACA Global dues, where dues for individuals who join new are reduced by half for the remainder of 2023 membership year.

## ISACA's Digital Trust World

<https://www.isaca.org/training-and-events/isaca-digital-trust-world-conference>

Previously known as ISACA Conference North America and ISACA Conference Europe, ISACA's Digital Trust World will deliver enhanced content and programming around digital trust in 3 conferences

EUROPE | Q4 2023

**Digital Trust World Dublin: Save the Date 17-19 October 2023.**

**save US\$300 when you register by 1 September**

Previously known as ISACA Conference North America and ISACA Conference Europe, ISACA Digital Trust World will deliver enhanced content and programming around digital trust.

<https://www.isaca.org/training-and-events/isaca-digital-trust-world-conference>

**Sign Up to Volunteer**

Conference volunteers receive a 60% discount off the cost of registration.

<https://www.signupgenius.com/go/4090a4dacaf28abff2-20231#/>

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## MEMBERSHIP BENEFITS

**Price Update! ISACA Webinars for Non-members**

**Beginning 1 August 2023**, a pricing change will go into effect for new and on-demand ISACA webinars:

Non-members will be charged US \$75 at registration.

Members will continue to receive this free benefit (a value of US \$3,750 across over 50 webinars).

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## ISACA Mentorship Program

<https://mentorship.isaca.org/>

The Program facilitates one-to-one mentorship connections and brings together ISACA members at all stages of their careers who want to give or receive professional development support. Career mentoring helps both participants to expand networks, gain new knowledge and insights, and build new skills.

As always, 72 free CPEs are available to you through your ISACA membership.

<https://www.isaca.org/membership/membership-benefits/free-cpe>

[https://www.isaca.org/membership/membership-benefits?](https://www.isaca.org/membership/membership-benefits?mc_cid=03a051a7dd&mc_eid=UNIQID)  
[mc\\_cid=03a051a7dd&mc\\_eid=UNIQID](https://www.isaca.org/membership/membership-benefits?mc_cid=03a051a7dd&mc_eid=UNIQID)

Earn 1 Free CPE Credit—Take a Journal Quiz

<https://www.isaca.org/resources/isaca-journal/cpe-quizzes/quiz-194>

@ISACA TIPS COLUMN ARCHIVES

<https://www.isaca.org/resources/news-and-trends/tips-column-archives>

ISACA Support

<https://support.isaca.org/>.



**Did you know we have a library of helpful responses to frequently asked questions about accessing the website and its resources ? You might discover an immediate answer to your questions in our help articles:**

***Please visit <https://support.isaca.org> for all support needs, which includes a chat option and answers to hundreds of frequently asked questions (FAQs). Submit only one ticket per issue.***

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### **Graduate Apprenticeship Programmes**

***Several universities are offering this opportunity - Happy to add them if they provide contact details***

#### **Glasgow Caledonian University**

**The Graduate Apprenticeship Programmes including the Graduate Apprenticeship MSc Masters Cyber Security and the BSc Cyber Security both Programmes are fully funded and you need to be working in security role in Scotland with a Scottish post code address**

**<https://www.gcu.ac.uk/study/graduateapprenticeships/>**

**Ronnie Beattie would be delighted to hear from interested candidates for both Programmes**

**ronnie.beattie@gcu.ac.uk and 0771 4715286**

**The Robert Gordon University Graduate Apprenticeship in MSc Cyber Security**

The 18-month fully funded course consists of four taught modules and a capstone project. It has two start dates (September and February) and is available to applicants who are employed in a role related to the course of study, and who have the right to live and work in Scotland. The course is delivered primarily online, in addition to an on-campus workshop per taught module.

For more details and to apply, please visit:

<https://www.rgu.ac.uk/study/courses/4074-graduate-apprenticeship-in-msc-cyber-security>

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## **On Demand**

### **Data Lab Community events & meet-ups**

*Online via The Data Lab Community*

<https://community.thedatalab.com/events>

### **FinTech Scotland Newsletter**

<https://send.lucidity.ie/t/r-e-ttiknkd-udiutdzki-jd/>

### **Scottish AI Alliance**

<https://www.scottishai.com/events>

### **FINOS Newlstter**

<https://www.finos.org/newsletter>

### **ONS Data Science Campus**

<https://datasciencecampus.ons.gov.uk/>

### **Cyber and Fraud Centre Scotland**

<https://cyberfraudcentre.com/events?>

## Live Webinars

**KYC Data Enrichment: Enhancing ongoing risk scoring and monitoring with new data sources**

**Tuesday 25th July 2023 15:00 BST**

<https://www.finextra.com/event-info/463/webinar---kyc-data-enrichment-enhancing-ongoing-risk-scoring-and-monitoring-with-new-data-sources>

**Fraud Prevention with Machine Learning: Stream processing and real-time data management**

**Date: Thursday 27 July 2023 Time: 15:00 BST / 16:00 CEST / 10:00 EDT**

<https://www.finextra.com/event-info/466/webinar---fraud-prevention-with-machine-learning-stream-processing-and-real-time-data-management>

**Getting Started With Knowledge Graphs: A Practical Guide for Data Practitioners**

**Thursday, July 27 10:00 BST | 11:00 CEST**

[https://go.neo4j.com/WBR-230727-Knowledge-Graphs-for-Devs-EMEA\\_Registration2.html](https://go.neo4j.com/WBR-230727-Knowledge-Graphs-for-Devs-EMEA_Registration2.html)

**OWASP API Security Top 10 2023 42Crunch**

**August 1, 2023 | 9am PDT | 5pm BST**

<https://42crunch.com/something-old-something-new-owasp-api-security-top-10-2023/>

**Acqua 30min Series August**

<https://info.aquasec.com/code-to-cloud-emea>

**CNAPP Explained**

**Thursday, August 3rd at 2pm BST**

**Dev Security Explained**

**Thursday, August 10th at 12pm BST**

## Cloud Security Explained

Thursday, August 17th at 12pm BST

### 2023 Conferences

NODES 2023, **October 26, 2023**

a free 24-hour online conference for developers, data scientists, architects, and data analysts across the globe. Live Sessions Around the Clock

inspiring content on the latest innovations in graph technology for your applications and ML models

<https://neo4j.registration.goldcast.io/events/6fb85147-ca27-4310-9dec-cb345c53bd6f>

Scottish Cyber Awards 2023 date announced

Assembly Rooms in Edinburgh on **30th November**

tickets will be on sale from **2<sup>nd</sup> October**.

<https://scottishcyberawards.co.uk/>.

UKsec Summit

*ISACA Scotland members may qualify for free pass*

In-Person to London

**7th – 8th November 2023**

<https://uk.cyberseries.io/>

## **Around The Web**

**Sophisticated HTTP and DNS DDoS attacks on the rise Cloudfare**

<https://www.csoonline.com/article/646765/sophisticated-http-and-dns-ddos-attacks-on-the-rise.html>

**CyberScotland Technical Bulletin July 2023**

<https://www.cyberscotland.com/technical-bulletin-july-2023/>

**The SANS 2023 Threat Hunting Survey**

<https://www.devo.com/resources/the-sans-2023-threat-hunting-survey/>

**Silentbob worm attack targets multiple cloud technologies in campaign is aggressively scanning the internet for exposed Docker APIs, Jupyter Lab and Notebook instances, Redis servers, SSH connections, and Weave Scope application**

<https://www.csoonline.com/article/646165/worm-attack-silentblob-targets-multiple-cloud-technologies.html>

**Microsoft Expands Logging Access After Chinese Hack Blowback**

**E3 Licensees Unlock Access to More Cloud Logs After Only E5 Clients Could Spot Hack involving email but even after the changes, E5 and G5 customers will get access to logging capabilities that aren't available to their E3 or G3 counterparts**

<https://www.bankinfosecurity.com/microsoft-expands-logging-access-after-chinese-hack-blowback-a-22590>

**CISA and FBI issue alert on Enhanced Monitoring to Detect APT Activity Targeting Outlook Online - MailItemsAccessed events with an unexpected ClientAppID and AppID in M365 Audit Logs**

[https://www.cisa.gov/sites/default/files/2023-07/aa23-193a\\_joint\\_csa\\_enhanced\\_monitoring\\_to\\_detect\\_ap\\_t\\_activity\\_targeting\\_outlook\\_online\\_2.pdf](https://www.cisa.gov/sites/default/files/2023-07/aa23-193a_joint_csa_enhanced_monitoring_to_detect_ap_t_activity_targeting_outlook_online_2.pdf)

**Microsoft plans to rename Azure AD to Entra**

<https://techcommunity.microsoft.com/t5/microsoft-entra-azure-ad-blog/azure-ad-is-becoming-microsoft-entra-id/bc-p/3871391/highlight/true#M5105>

The Entra name was introduced in May last year as the overarching brand for the Identity and Access suite. It included Permissions Management and Verified ID, and Azure AD. In the past year or so since, Microsoft added ID Governance, Workload ID, Internet Access, and Private Access to the Entra suite.

**Understanding SASE: Taking security to the edge**

[https://assets.barracuda.com/assets/docs/dms/ebook\\_Understanding\\_SASE-Taking\\_security\\_to\\_the\\_edge\\_UK-3.pdf](https://assets.barracuda.com/assets/docs/dms/ebook_Understanding_SASE-Taking_security_to_the_edge_UK-3.pdf)

**AWS and Azure own lion's share of \$120B cloud infrastructure market - 40 percent and 21.5 percent of the entire global IAAS market share respectively.**

[https://www.theregister.com/2023/07/18/aws\\_azure\\_cloud\\_market/](https://www.theregister.com/2023/07/18/aws_azure_cloud_market/)

**Some Google employees will reportedly work without internet access for better security**

<https://www.neowin.net/news/some-google-employees-will-reportedly-work-without-internet-access-for-better-security/>

## **FCA/Bank of England Financial Regulatory Initiatives Grid February 2023**

<https://www.fca.org.uk/publication/corporate/regulatory-initiatives-grid-feb-2023.pdf>

## **FCA Consultation Financial promotions on social media**

<https://www.fca.org.uk/publications/guidance-consultations/gc23-2-financial-promotions-social-media>

**The Financial Stability Board (FSB) has published a global regulatory framework for crypto-asset activities** based on the principle of ‘same activity, same risk, same regulation’ with stronger restrictions placed on safeguarding of client assets and the risks associated with conflicts of interest.

<https://www.fsb.org/2023/07/fsb-global-regulatory-framework-for-crypto-asset-activities/>

## **UK Treasury rebuffs calls for crypto to be regulated as gambling**

<https://www.finextra.com/newsarticle/42665/uk-treasury-rebuffs-calls-for-crypto-to-be-regulated-as-gambling>

## **API Discovery and Protection Tools**

<https://www.cequence.ai/>

**Endor Labs’ ‘State of Dependency Management 2023’ Report Offers Insight on Explosive Popularity of AI and LLMs—and How They Impact Application Security**

<https://www.endorlabs.com/blog/endor-labs-state-of-dependency-management-2023>

**How Is ChatGPT’s Behavior Changing over Time? Performance Decline Noted**  
<https://arxiv.org/pdf/2307.09009.pdf>

## **Generative AI in Action: How Developers Utilize AI/ML Tools across Tasks**

<https://gradientflow.com/generative-ai-in-action-how-developers-utilize-ai-ml-tools-across-tasks/>

*Lowest interest among application developers and hardware people*

## **Microsoft and Meta expand their AI partnership with Llama 2 on Azure and Windows**

<https://blogs.microsoft.com/blog/2023/07/18/microsoft-and-meta-expand-their-ai-partnership-with-llama-2-on-azure-and-windows/>

## **New Landscape of LLM Deployment**

<https://gradientflow.substack.com/p/the-new-era-of-efficient-llm-deployment>

## **OFCOM Mobile Matters – crowdsourced network performance figures**

[https://www.ofcom.org.uk/\\_data/assets/pdf\\_file/0018/264600/mobile-matters-2023-report.pdf](https://www.ofcom.org.uk/_data/assets/pdf_file/0018/264600/mobile-matters-2023-report.pdf)

## **No Signal = no phone connectivity after PSTN transition in December 2026.**

### **Ofcom focuses on edge case of power failure at subscriber premises**

<https://www.ofcom.org.uk/phones-telecoms-and-internet/advice-for-consumers/future-of-landline-calls>

## **Progress delivering the UK Emergency Services Network replacement for Motorola Airways– began in 2015 and is aspiring to 2026 rollout but may flex to 2029**

<https://www.nao.org.uk/wp-content/uploads/2019/05/Progress-delivering-the-Emergency-Services-Network.pdf>

## **How do cloud providers keep datacenters cool in America's hottest city whose water supply is 150 miles away?**

[https://www.theregister.com/2023/07/15/cloud\\_datacenters\\_desert\\_arizona/](https://www.theregister.com/2023/07/15/cloud_datacenters_desert_arizona/)

[https://www.theregister.com/2023/04/11/microsoft\\_evaporative\\_coolers\\_arizona/](https://www.theregister.com/2023/04/11/microsoft_evaporative_coolers_arizona/)

## **Australian event management supplier to NAB jailed over \$19 million fraud conspiracy**

<https://www.finextra.com/newsarticle/42663/nab-supplier-jailed-over-19-million-fraud-scheme>

## **Fraud prevention and cybersecurity in the era of PaaS**



<https://www.finextra.com/the-long-read/725/fraud-prevention-and-cybersecurity-in-the-era-of-paas#msdyntrid=8aaswQlDHAD7xGh4oz-QKkUk0eln8nfdoH1zGS-EMY>

**Fraud Detection Through Artificial Intelligence Billions and Billions Could be Saved via Lines of Code?**

[https://thefintechmag.com/fraud-detection-through-artificial-intelligence/#msdyntrid=5klenE62RJfiq-Zfx6\\_7Id7HK6HJpGqY1BetVOUdxAI](https://thefintechmag.com/fraud-detection-through-artificial-intelligence/#msdyntrid=5klenE62RJfiq-Zfx6_7Id7HK6HJpGqY1BetVOUdxAI)

**Fraud detection and prevention market to reach \$90.07 billion by 2030: Grand View Research, Inc**

<https://www.prnewswire.com/news-releases/fraud-detection-and-prevention-market-to-reach-90-07-billion-by-2030-grand-view-research-inc-301845937.html#msdyntrid=Wer9J5EWoIbeQLQYZG5Xo7z5SWdL8vufWx0TIVmwH4Y>

**Excel's new AI functions, under the Copilot branding, have started to appear in some public releases. Here's the full list with syntax of all six AI functions.**

<https://office-watch.com/2023/excel-ai-copilot-functions/>