GSE UK Enterprise Security Working Group – Next Meeting

We are pleased to confirm that the next meeting of the GSE UK Enterprise Security Working Group, is scheduled as follows:

Date	Thursday 4th February 2021, 09:00 – 18:45 GMT (Please note the time zone as the meeting is being run from the UK)
Venue	Due to the current situation with COVID, we are hosting this meeting via Zoom only
Registration	Click here
CPE/CPD hours	Up to a maximum of 8 hours (full attendance required to claim maximum number of hours)

This meeting is suitable for anyone with an interest in Mainframe Security, including Mainframe Security Professionals (newbies to experienced), Cyber Security Specialists, System Programmers, Auditors and Managers. Attending this meeting will grow your professional skills and knowledge in the following areas:

- Latest security innovations from vendors and how they help enhance security for your organisation
- Current threats, trends, including regulatory and compliance updates to help you prioritise security and compliance efforts
- Share problems, knowledge, best practices with working group members
- Give feedback to vendors on their offerings, including product direction
- Earn CPE/CPD hours to support maintenance of certifications or an education portfolio

Please read on for the agenda line up.

Jamie Pease CISA, CISM, CDPSE, CISSP, CITP, MBCS
Chairman of the GSE UK Enterprise Security Working Group

Agenda

Please note: As all presenters will be working remotely, there will be a 15-minute gap between most of the sessions to allow for switchover to the next presenter. Agenda and timings are subject to change.

Start	End	Topic	Who
09:00	09:15	**Introduction from the Working Group Chairman** • Membership • GSE UK Conference 2021 & other Security events • CPEs • Future topics & venue • Feedback	**Jamie Pease** (Working Group Chairman)
09:15	10:15	**The future of z Security - it's here and now** The catalyst of 'Pervasive Encryption' on IBM z in 2017 has helped lead to extraordinary new capabilities becoming available, designed to securely protect data and applications on z/OS and mainframe Linux. From Secure Boot, Trusted Execution Environments, Hyper Protect, and Data Privacy Passports, through to 'Quantum Resistant' algorithms, and Homomorphic Encryption. This session will be a tour of what tools are here already, that you might use to protect you, your enterprise - and your customer.	**Andy Coulson** (IBM UK)
10:15	10:30	**Break while we switchover presenter**	All
10:30	11:30	**Helping you to stay compliant with securing your CICS assets in a digital world** The presentation will cover the latest security changes, and advice in CICS TS to assist you with staying up to date with best practices.	**Colin Penfold** (IBM UK)
11:30	11:45	**Break while we switchover presenter**	All

11:45	12:45	**Tales from the Dark Side - A Digital Forensic Saga**	**Cristian Coraci** (Digital Forensic Examiner)
12:45	13:15	**Lunch Break**	All
13:15	14:00	**Enabling cross functional 'Security Insights' to identify, monitor, and remediate risk** Reducing security risk requires not only layered security controls but cross functional input as well. But how do cross functional team members, with varied backgrounds and understanding, communicate security concepts and identify security risk to get to the ultimate goal of reducing security risk? It may sound difficult, but easy security and visualization is exactly what is needed to maintain a continuously improving security environment.	**Mary Ann Furno & Steven Hosie** (Broadcom)
14:00	14:15	**Break while we switchover presenter**	All
14:15	15:15	**FTP logon Using Passphrases and Digital Certificates** This presentation examines the setup and use of the z/OS FTP server with certificates and passphrases for secure communications. Control recommendations to secure the z/OS FTP environment are provided.	**Robyn Gilchrist** (RSH Consulting, Inc.)
15:15	15:30	**Break while we switchover presenter**	All
15:30	16:30	**Mainframe passwords revisited: impact of new security mechanisms** IBM launched the KDFAES password hashing method for RACF six years ago. We have successfully reverse engineered it and we are going to examine, in-depth, the effective benefits of KDFAES over DES by performing realistic password recovery attacks. We will analyze the performance of modern, GPU powered attacks with the aid of the EPAS password analytics system. The effectiveness of the protection offered by stronger hashing will be checked against brute-force, dictionary, as well as lateral attacks, by simulating a real life security incident. The session will start with a short presentation, moving on to a panel discussion with three participants who have extensive experience is this particular field.	Panel members: Costin Enache Chad Rikansrud Nigel Pentland
16:30	16:45	**Break while we switchover presenter**	All

16:45	17:45	**ZERO TRUST** This session will act as an introduction to Zero Trust. The session will define and describe what Zero Trust is, talk about what its goals are, explain why it is an emerging new paradigm in security and then go into the architecture that makes up a proper Zero Trust architecture. This session will have no mainframe specifics and is suitable for audiences of all technical levels.	**Brian Marshall** (Vanguard Integrity Professionals)
17:45	18:00	**Break while we switchover presenter**	All
18:00	18:45	**SolarWinds supply chain breach – What mainframers need to know** Suspected Russian actors broke into a trusted software development company, compromised a common software component, inserted multiple backdoors, covered their tracks and exploited the commercial product distribution channel to infect 17,000 organizations including key defense and commercial systems. Are you worried yet? Maybe you should be. The attack scales up nicely for mainframes, it is sophisticated so very hard to detect, near impossible to prevent so what the heck do we do as an industry to respond? This working group will discuss actions that need to be taken.	**Al Saurette** (MainTegrity)
18:45		**End of meeting**	

Future GSE UK Security meetings for your calendar

More details of our schedule, including other events from the GSE UK Region can be found here: https://www.gse.org.uk/events/