THE OPEN GROUP

Security Forum

QUARTERLY NEWSLETTER
SUMMER 2022

A trusted, collaborative environment for experts from both the customer and supply sides of industry, government, and academia.

NOTABLE ACHIEVEMENTS

The Open Group Security Forum had a number of notable achievements during the second quarter of 2022:

- The Security Forum welcomed the following organizations as Members and participants:
  - Command Prompt, Inc. (USA)
  - Hewlett Packard Enterprise (USA)
  - KPMG LLC (UK)
  - MTN Group Management Services (South Africa)
  - South African Reserve Bank (South Africa)

- The Open FAIR™ Foundation Certification reached 1226 individuals at the end of 2Q2022, growing by 36 individuals during the second quarter of 2022.

- The Security/Risk Reference Architecture Program made substantial progress on developing the initial minimal viable product that will be refined and finalized by the Security and IT4IT™ Forums. This project will focus on integrating application security and risk management into the digital delivery process. This integration will involve identifying key components of the "security fabric" and how they will support reuse, automation, and traceability.

- The Security and Risk Management Working Group continued developing initial content for the Using Quantitative Analysis in System Threat Modeling Project. This Project is devoted to integrating Open FAIR quantitative risk analysis in threat modeling in order to provide a more standardized, objective approach to managing risk that stems from developing insecure systems.

- The Security and Risk Management Working Group successfully completed Forum Review and began resolving change requests for The Open Group Guide: Mathematics of the Open FAIR™ Methodology. This Guide describes how an Open FAIR™ model can be interpreted mathematically and used to make appropriate statistical techniques easily accessible where data are available to inform the model parameters. The Guide aims to assist users in developing and adapting Open FAIR models and to educate readers in the application of probabilistic analyses to IT risks.

- The Zero Trust Architecture Working Group completed and informal review of the first complete draft of the initial Zero Trust Reference Model Snapshot. This first Snapshot will present the architectural vision of Zero Trust, the models that underpin Zero Trust, and an initial dive into the Zero Trust Reference Model. Subsequent Snapshots will continue to refine and detail the Zero Trust Reference Model, describing the architectural building blocks and their relationships.

WORKING GROUP UPDATES

Zero Trust Architecture Working Group

• The Zero Trust Reference Architecture Project continued work on the initial Zero Trust Reference Model Snapshot. This initial document provides a framework for all stakeholders to align against and have a shared understanding of the models used for Zero Trust. It describes Zero Trust as an information security approach in response to emerging security concerns on securing the organizational assets across any network, going beyond the current notion of perimeter security alone being sufficient, to a future where assets of all sorts – data, applications, systems, APIs, secured zones, etc. – must be individually secured to provide sufficient protection.

• The initial Zero Trust Reference Model Snapshot will be refined and developed into a higher-level document focused more on strategic direction and conceptual guidance and will allow for reference implementations to be contributed. It will also be complemented by guidance for practitioners, implementers, and managers. The initial Zero Trust Reference Model Snapshot is expected to enter Forum Review in 3Q2022.

Security and Risk Management Working Group

• The Open FAIR Body of Knowledge Update Project successfully entered into Company Review the Open FAIR™ Conformance Requirements, Version 2.0 and the Open FAIR™ Program Configuration document, Version 1.2, allowing progression of additional updates to the Open FAIR™ Certification Program. Publication of these documents is expected in 3Q2022.

• The Using Quantitative Analysis in System Threat Modeling Project continued its small team meetings, working to create an initial draft for review and revision by the larger Project Team. Publication is expected in 4Q2022.

• The Calculating Reserves for Cyber Risk Project successfully completed Forum Review and resolved all change requests received for the second White Paper of the series: Calculating Reserves for Cyber Risk: Vetting Cyber Risk Models. This document presents an overview of how cyber risk quantification models can be vetted. Model vetting requires that models are transparent, relevant, and parsimonious. We outline here how Chief Risk Officers, Chief Information Officers, and Chief Information Security Officers' cyber risk models can meet these requirements. Publication of the second White Paper is expected in 3Q2022.

• The Open FAIR Mathematical Model Project successfully completed Forum Review and began resolving change requests for The Open Group Guide: Mathematics of the Open FAIR™ Methodology. This process utilized the input of several Invited Reviewers, ensuring accuracy of the materials. Publication is expected in 3Q2022.

• The Security/Risk Reference Architecture Project worked to finalize their initial model with a small team to bring to the larger Project Team for review, revision, and consensus. Publication is expected in 4Q2022.

Vigorously but cordially debating hard questions and concepts to establish next-generation risk evaluation and security technology approaches, methods, applications, and best practices

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Trusted Systems Consulting Group

Forum Vice-Chair Mike Leuzinger
Nationwide Insurance

Forum Director John Linford
The Open Group

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THE *Open* GROUP

About The Open Group

Leading the development of open, vendor-neutral technology standards and certifications

The Open Group is a global consortium that enables the achievement of business objectives through technology standards. Our diverse membership of more than 870 organizations includes customers, systems and solutions suppliers, tool vendors, integrators, academics, and consultants across multiple industries.

Vision

Boundaryless Information Flow™ achieved through global interoperability in a secure, reliable, and timely manner.

Mission

The mission of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

• Working with customers to capture, understand, and address current and emerging requirements, establish policies, and share best practices

• Working with suppliers, consortia, and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies

• Offering a comprehensive set of services to enhance the operational efficiency of consortia

• Developing and operating the industry's premier certification service and encouraging procurement of certified products

Keys facts include:

• Over 800 Member organizations, with 43,000+ participants in The Open Group activities from 126 countries

• Our Platinum Members are DXC Technology, Fujitsu, HCL, Huawei, IBM, Intel, Micro Focus, and Philips

• Developing and operating the industry's premier certification service and encouraging procurement of certified products

• Services provided include strategy, management, innovation and research, standards, certification, and test development

• Over 103,000 TOGAF® 9 certifications worldwide

Further information on The Open Group can be found at www.opengroup.org

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