



THE OPEN GROUP
Security Forum
QUARTERLY NEWSLETTER
SPRING 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 first quarter of 2022:

- The Security Forum welcomed the following organizations as Members and participants:
 - Alfahive (Canada)
 - C-Risk (France)
 - Kyndryl (USA)
 - Octopian Security (UAE)
 - Piara, Inc. (USA)
- The Open FAIR Foundation Certification reached 1190 individuals at the end of 1Q2022, growing by 51 individuals during the fourth quarter of 2021.
- The Zero Trust Architecture Working Group held a webinar on the Zero Trust Commandments, presenting the non-negotiable list of criteria for Zero Trust that builds on the original Jericho Forum® Commandments and extends the Zero Trust Core Principles.
- The Security Forum continued collaborating with the IT4IT™ Forum of The Open Group on the Security/Risk Reference Architecture Project, working to develop 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 formally began 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 made substantial progress on the Open FAIR Mathematical Model Description Project. This Project is focused on explaining in a Guide 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 made substantial progress in development the first 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 Landscape Project concluded analysis of the results from the First Annual Zero Trust Survey, seeking to understand and describe in The Open Group Guide: Zero Trust Landscape how end users and product/offering vendors differ and align on their understanding of Zero Trust. Publication is expected in 2Q2022.
- The Zero Trust Reference Architecture Project began work on the initial Zero Trust Reference Model Snapshot. This initial document 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. The initial Zero Trust Reference Model Snapshot is expected to enter Forum Review in 1Q2022.

Security and Risk Management Working Group

- The Open FAIR Body of Knowledge Update Project focused on collaborating with The Open Group Certifications and Standards Teams to finalize and enter into Company Review the Open FAIR™ Conformance Requirements, Version 2.0. Updating this document is a critical first step in proceeding with updating the Open FAIR™ Certification Program. Publication of the Open FAIR™ Conformance Requirements, Version 2.0 is expected in 2Q2022.
- The Using Quantitative Analysis in System Threat Modeling Project began initial 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 made the consensus decision to enter into formal Security Forum Review 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 2Q2022.
- The Open FAIR Mathematical Model Project made substantial progress, completing an initial draft and beginning to review and revise it with a core project team. This project is devoted to describing how the Open FAIR model parameters can be interpreted mathematically so that users can produce Open FAIR analyses in a consistent and defensible fashion, explaining the range of probabilistic interpretations that can be applied. Publication is expected in 2Q2022.
- The Security/Risk Reference Architecture Project continued creating an 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.



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 800 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 870 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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