

# Speaker Name

Bruce Large



# /whoami

- Principal Cyber Security Architect at blarge
- Worked in IT and OT in Network & System Engineering and Cyber Security roles for over 15 years
- Chair of the Queensland Branch of AISA, Lead of the AISA Cyber Security Architecture Special Interest (SecARCH SIG) and Life Member of AISA
- National Vice President of Professionals Australia – [Join your #STEMUnion](#)
- Bach Eng (Telecomms) QUT First Class Honours and Master Business (Applied Finance) with Distinction QUT



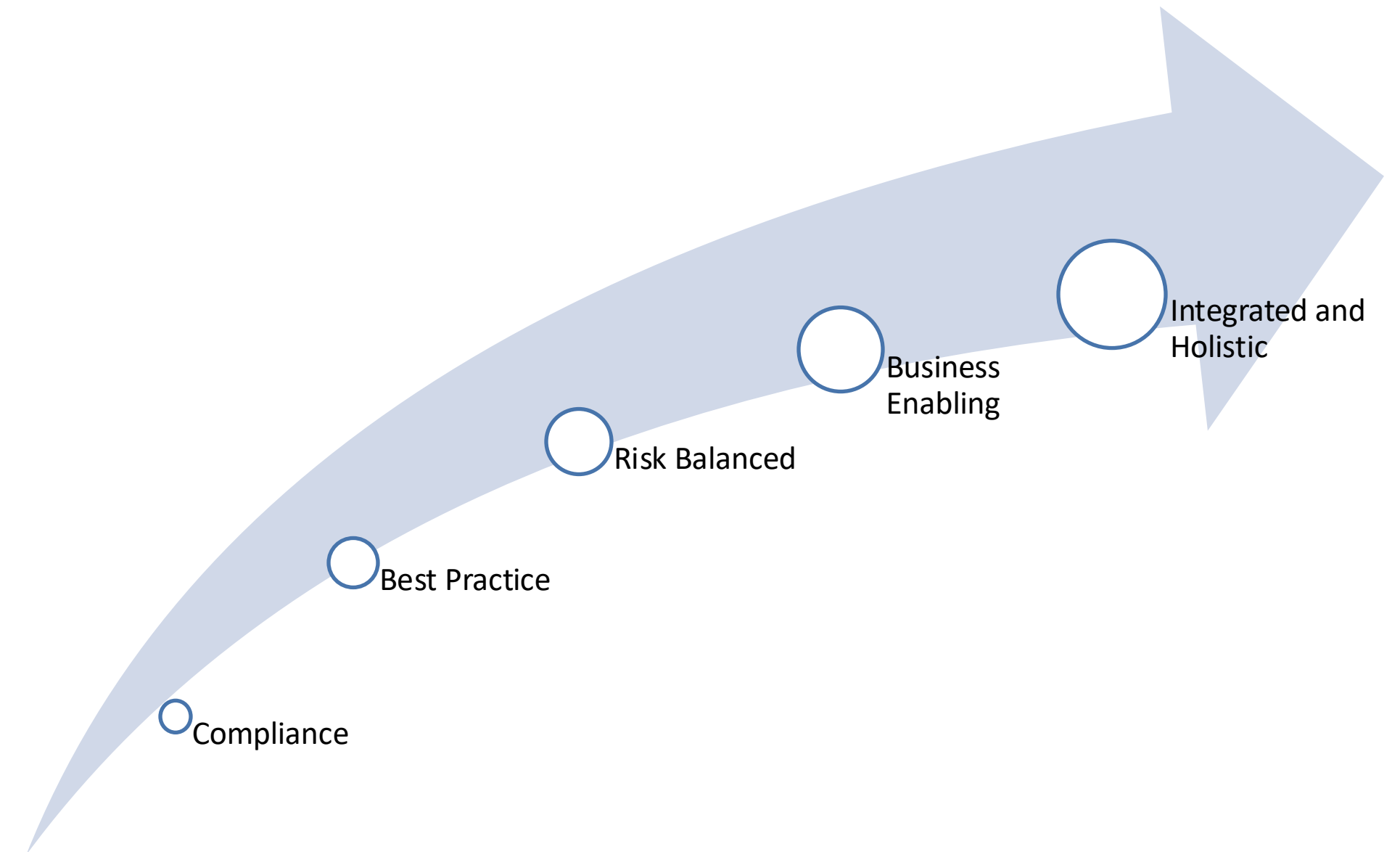
# Agenda

1. Overview of Cyber Security Architecture
2. Overview of Cyber Security Groups in Australia
3. Q&A

# **An overview of Security Architecture**

# Security Architecture

- Security Architecture enables us to consistently solve similar security problems
- It is more than just a pick list of security controls - it enables context and guidance on selection, placement, operation and maintenance of security controls
- It can help us move from being compliance and best practice based approach to business enabling and integrated and holistic



# The difference of Enterprise Security Architecture and Security Solution Architecture

## Enterprise Security Architecture (ESA)

- Works with the business to define security strategy and justification
- Defines the enterprise wide security artefacts such as:
  - Architectural Principles
  - SABSA Attributes Modelling
  - Domain Model
  - Trust Models
  - Manage Pattern Repositories
- Govern the Architectural Review Board (ARB) for Security

## Security Solution Architecture

- A key pivot role between the whole of enterprise and delivering projects
- Focuses on producing solution designs that address cyber security requirements as per the enterprise methodology
- More than likely part of the projects team.

# **An overview of Cyber Security Architecture Groups in Australia**



# AISA SecARCH SIG



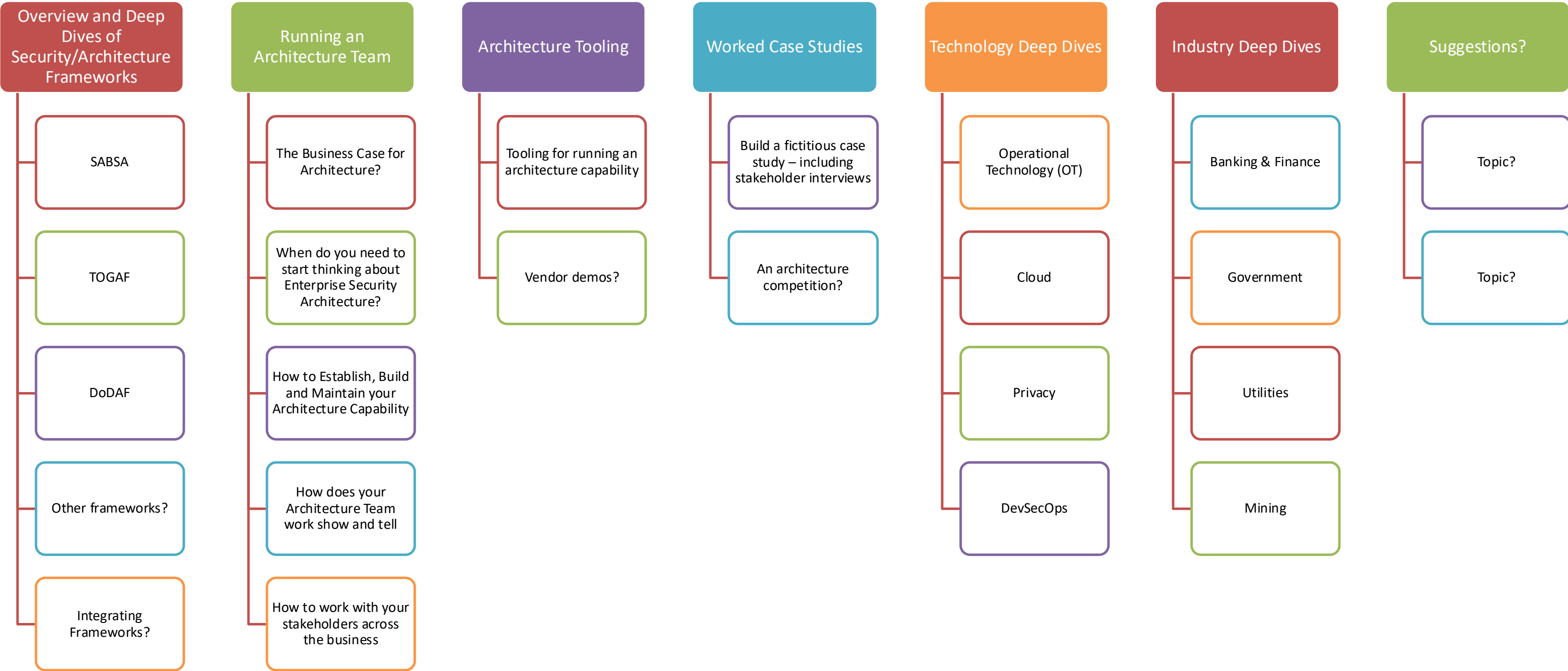
# AISA SecARCH SIG

- Founded by Bruce Large, in 2021
- The aim of the SecARCH SIG is to connect security practitioners of all levels of experience and methodologies, preferably in person
- **We have run 9 events**
  - 5 In person events in Brisbane, 1 Event in Melbourne
  - 2 National Webinars, 1 Queensland only Webinar
- If you would like to run an AISA SecARCH SIG please contact me

# Principles of the SecARCH SIG

- **That the SIG aims to meet 4 times a year;**
- **The SIG is not a one way only communication forum;** it requires active participation.
- **Doing is better than just thinking;** the only way to learn this is to do it.
- **A forum to mix less experienced and experienced architects** to enable development of our industry.
- **A forum that encourages the right tool for the right job;** not being dogmatic to only the tools we know.
- **We partner with other organisations;** E.g. the SABSA Institute

# The Plan of topics to discuss





# Previous SecARCH SIG Events & Statistics

## 2021

- Introducing your architecture team and your team's way of working (9 Dec 2021) – 51 Registered

## 2022

- How Security Architects can support other Architects and Designers using System Engineering
- Debiasing the Security Architect (30 June 2022) – 60 Registered, 41 Attended

## 2023

- Application of SABSA in Australia (1 February 2023) – 213 Registered
- AISA SecARCH SIG hosted SABSA World Event (31 July) – 62 Registered, 42 Attended
- Introduction to the SABSA Framework (7 Sep 2023) – 180 Registered – [SESSION RECORDING](#)

## 2024

- Insights into the Cyber Security Architecture Community (Melbourne 1 March)
- Security Solution Architecture – What are examples of good and build a reference template (29 May)
- Security Solution Architecture – How to write a Security Pattern (23 October)

# The SABSA Institute

# The SABSA Institute

- The SABSA institute is a Community Interest Corporation that are the custodians for the SABSA intellectual property
- It is the community for Cyber Security Architects to collaborate and improve their knowledge of SABSA
- Membership includes access to Webinars (many Australians!), White Papers and member forums
- TSI also hosts SABSA World Events and held 3 In Person events in 2023
- More information available at <https://sabsa.org/>

## Past Events

| Location  | Date             | Event Report         |
|-----------|------------------|----------------------|
| Brussels  | 13 November 2023 |                      |
| Melbourne | 25 August 2023   |                      |
| Brisbane  | 31 July 2023     | <a href="#">View</a> |
| Melbourne | 19 July 2023     |                      |
| Brussels  | 7 November 2019  |                      |
| London    | 29 October 2019  |                      |
| Toronto   | 16 May 2019      | <a href="#">View</a> |
| London    | 13 April 2019    | <a href="#">View</a> |
| Brussels  | 12 March 2019    |                      |



# The SABSA Census

As at August 2023

## Foundation Certified

| Region        | Count |
|---------------|-------|
| Europe        | 1,895 |
| Oceania       | 1,531 |
| North America | 939   |
| Asia          | 352   |
| Middle East   | 246   |
| Africa        | 177   |
| South America | 11    |

## Practitioner Certified

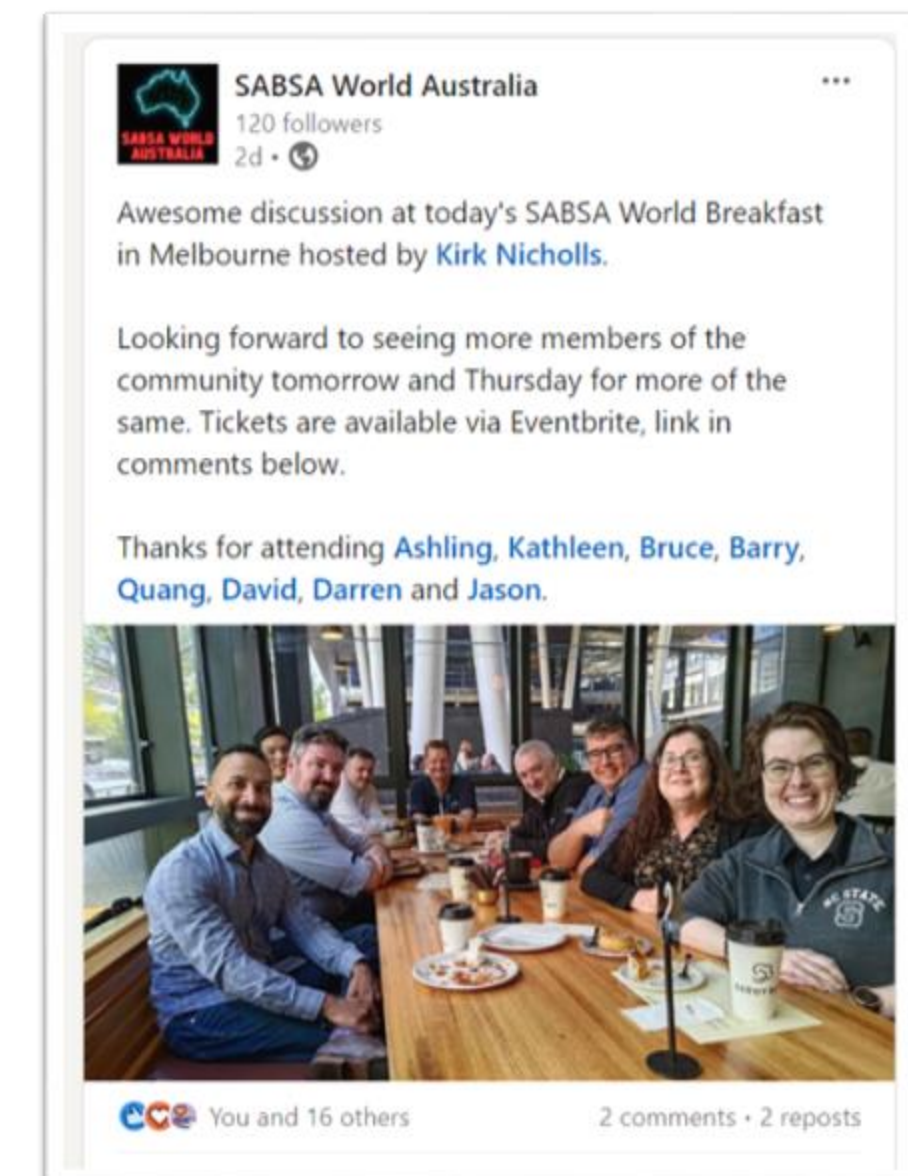
| Certification(s)                    | Count |
|-------------------------------------|-------|
| Architecture Design (SCPA)          | 231   |
| Risk, Assurance & Governance (SCPR) | 112   |
| SCPA & SCPR                         | 67    |

Learn more at <https://sabsa.org/sabsa-census/>

# SABSA World Australia

# SABSA World Australia

- Founded by Kirk Nicholls
- Community Driven group that aims to host in person events and webinars of SABSA architects
- They hold coffee and lunch meetings for architects to network
- If you are interested please follow on LinkedIn and reach out Kirk Nicholls or myself for more information
- Sign up at <https://www.linkedin.com/company/sabsa-world-australia/>





# SecurityPatterns.io

# SecurityPatterns.io



- Formed by Ken Fitzpatrick of Patterned Security
- Has Guidance on what Security Patterns are and how to create them
- Also has a library of example patterns – community contributions are welcomed!
- Reach out to Ken and Mac via <https://securitypatterns.io/contact/> to learn more and join the community
- Ken presented at a Brisbane SecARCH SIG in October (Thanks!)






# **ISACA Security Architecture Working Group (Melbourne)**




# ISACA SAWG





## SAWG Melbourne

 Private Listed



## Security Architecture Working Group

### Crypto Agility for Digital Trust in the Quantum Era



**Ashvin Shukal**  
Digital Trust Specialist at Digicert

**Gabriel Chan**  
Sr Sales Engineer at Digicert

 26 July 2024 at 12PM

 On-Premises at KPMG. Proceed to Level 36, 727 Collins Street, Docklands, VIC. | 1.5 CPE

 Teams Virtual Lobby opens from 11:45AM. | 1 CPE



## Security Architecture Working Group

### Business Enabling Cyber Security Strategy Development using SABSA

25 August 2023 | 12-1PM

On-premises: KPMG  
1.5 CPE to ISACA Members

Virtually: Zoom  
1 CPE to ISACA Members



**Gareth Watters**  
Director of Cyber Security, Risk & Resilience  
David Lynas Consulting

## Industrial Cybersecurity

Practical Overview to Secure Critical Infrastructure



**Julien Legrand**  
Head of Cyber Solutions  
Thales (Hong Kong)



**Pak Ho Chan**  
Head of OT/IT Cyber Defence  
Thales (Hong Kong)



## Security Architecture Working Group

### ASD Essential 8 Mitigation Strategies: Complimented with E0 and E9 onwards

22 March 2024 | 12PM AEDT

On premises at KPMG Melbourne  
Virtually via MS Teams



**Puneet Tikoo**  
IRAP Assessor, CISCO



## Security Architecture Working Group

### Architecting Cyber Risk – A Traceable and Architectural Approach

27 October 2023 | 12PM AEDT

On premises at KPMG Melbourne  
Virtually via Zoom



**Rahul Lobo**  
Partner, Cybersecurity, KordaMentha



# Resources to learn more about Security Architecture

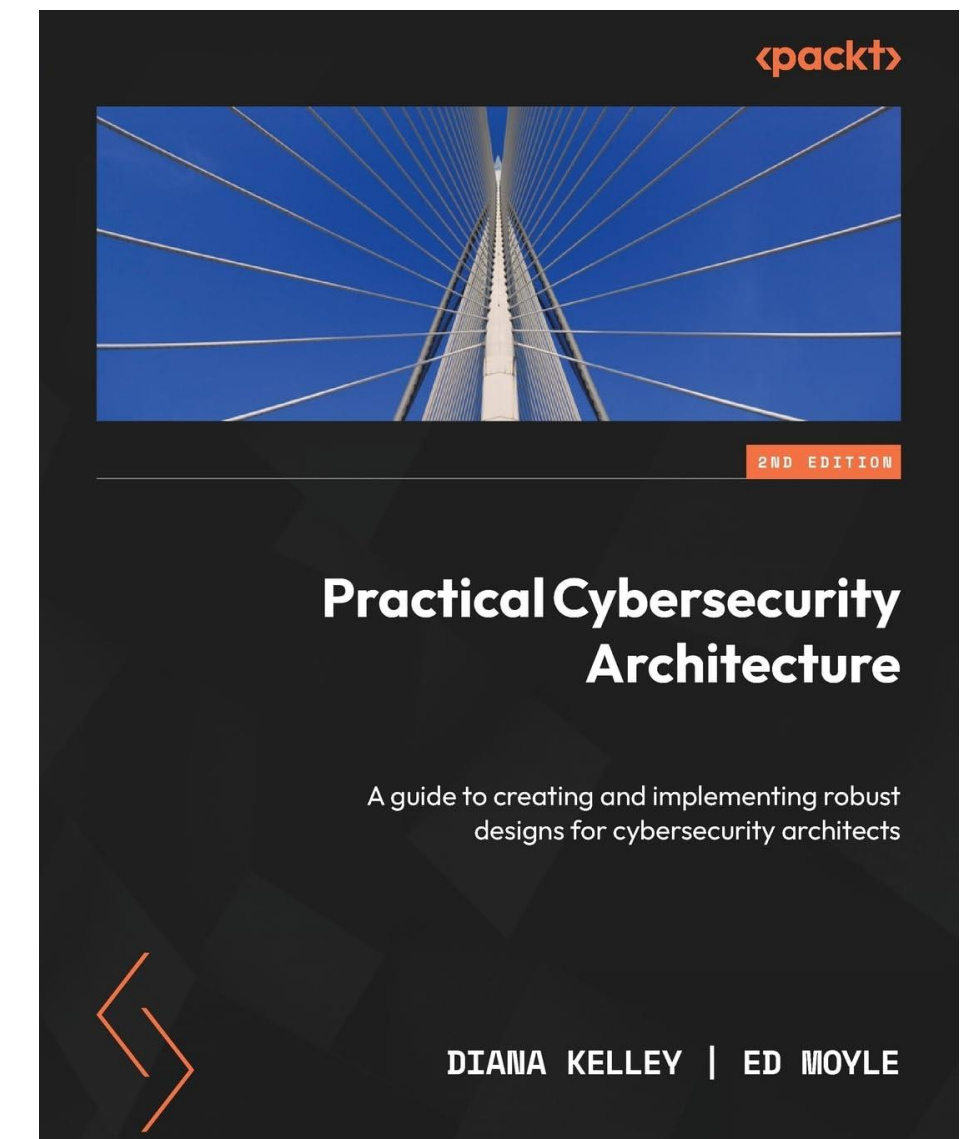
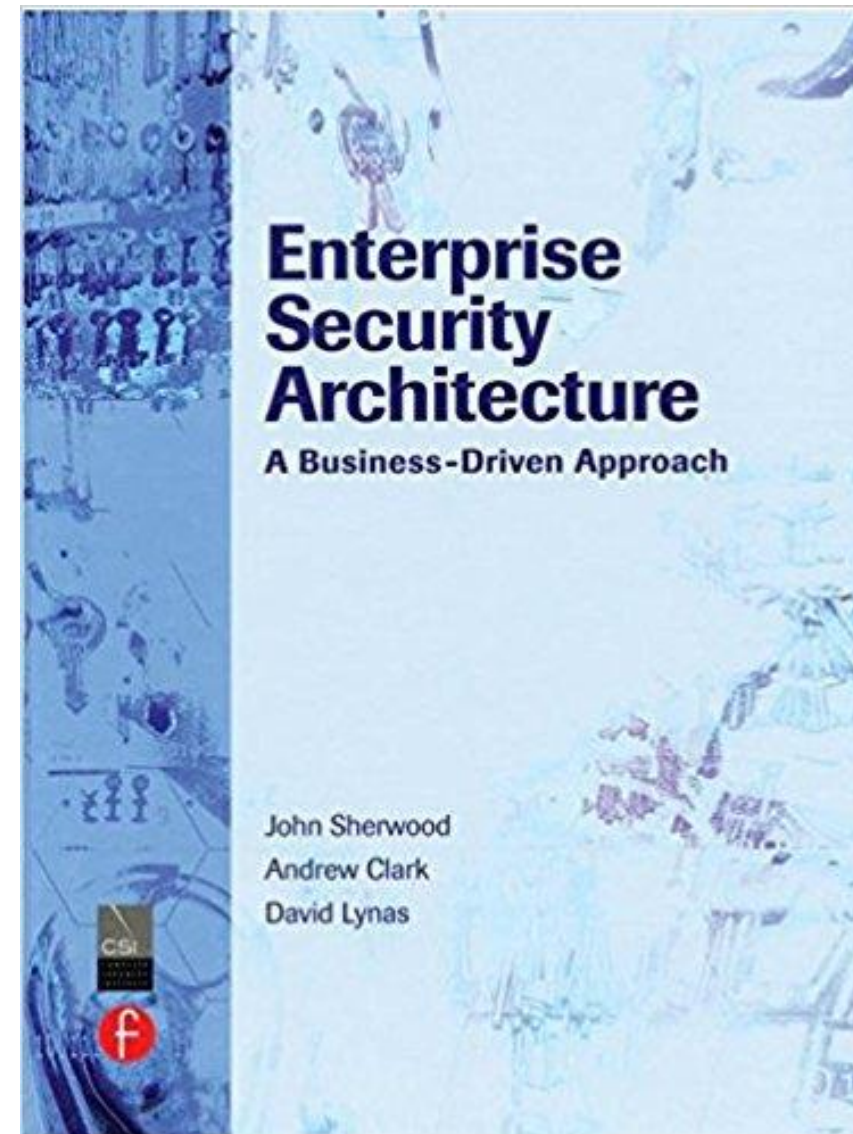
## Short Papers

- [SABSA White Paper \(W100\)](#)
- [C2M2 V2.1](#)
- [NIST NICE](#)
- [Qld Govt – Develop your Cyber Skills](#)

## Groups

- [AISA SecARCH SIG](#)
- [SecurityPatterns.io](#)
- [Join SABSA World Australia](#)
- [Join The SABSA Institute](#)
- [Join the ISACA SAWG](#)

## Textbooks



**Thank you! Questions?**



# Contact

Bruce Large

[bruce@blarge.io](mailto:bruce@blarge.io)

<https://www.linkedin.com/in/blargeau/>