



# Zero Trust Architecture for Government

TRAINING

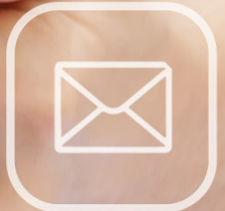
Defending Local Government's security  
frontline for cyber battle readiness



Facilitated by  
**KISHORE GADDAM**  
Professional Trainer  
Astrani Technology Solutions LLC

Online → 11 & 18 June 2024

ZERO  
TRUST



PUBLIC  
SECTOR  
NETWORK



Certified  
Corporation

## Overview

As a cyber security professional, you recognise the urgent need to rethink how organisations fortify protections. The facts are shocking, with the Australian Cyber Security Centre (ACSC) revealing that Cybercrime incidents occur every seven minutes on average.

In an era of evolving cyber threats and data vulnerabilities, Zero Trust Architecture presents a solution. This framework is gaining recognition across the globe as a silver bullet to the continuous onslaught of breaches and incidents. However, as with most transformative solutions, the key to success is effective planning and implementation.

The training will discuss the process of optimising and simplifying the implementation of Zero Trust Architecture (ZTA) to enhance the security of government IT systems and infrastructure. This likely involves making the security measures and protocols more efficient and effective to protect government platforms from cyber threats and unauthorised access.

This program is tailored to equip participants with the essential knowledge and skills required to streamline the adoption of Zero Trust Architecture (ZTA), ensuring robust security for government platforms.

## Who Should Attend

Managers, Project Managers, Lead, Advisor, Officer:

- Cybersecurity Architect
- IT Security Manager
- Network Security Analyst
- IT Administrator
- Cybersecurity Specialist
- Information Security Officer
- IT Manager
- Data Center Manager
- Cybersecurity Consultant
- Security Operations Center (SOC) Analyst
- Identity and Access Management Specialist
- Cyber Incident Response Coordinator

## Learning Outcomes

- Gain a comprehensive understanding of the core principles and concepts of ZTA and its relevance to government platform security
- Recognise the specific security challenges and threats faced by government platforms in the current cybersecurity landscape
- Discover techniques for fortifying the security of government platforms, including websites, data centres, and critical infrastructure
- Learn the principles and methods of network segmentation to minimise lateral movement by potential attackers
- Understand the importance of ongoing surveillance and real-time threat detection to bolster platform security
- Develop the ability to swiftly detect and respond to potential security threats, and reduce the impact of incidents

## Why Attend

- Attend from any location with internet access
- Engage with diverse digital tools and resources
- Stay up to date with the latest industry trends and best practices
- Connect with your public sector peers from across all tiers of government
- Demystify the Zero Trust Architecture for a public sector context

## Meet Your Facilitator



**KISHORE GADDAM**  
Professional Trainer  
Astrani Technology Solutions LLC

Kishore Gaddam, Professional Trainer at Astrani Technology Solutions LLC is a seasoned technology and digital transformation SME/leader with over 25 years in corporate IT. He specialises in enterprise architecture, DevOps & DevSecOps, AI/ML and cloud technologies for Fortune 500 companies across diverse industries. His focus on delivering large-scale Hybrid-Cloud applications, leveraging expertise in DevOps & DevSecOps Infrastructure as Code, MLOps, AIOps, and CI/CD/CM.

As a Scaled Agile, DevOps & DevSecOps Trainer and Consultant, Kishore excels in DevOps & DevSecOps coaching, mentoring, and teaching, guiding teams through conception to execution. A published author in developing enterprise cloud applications, he emphasises enterprise agility, concentrating on strategy and transformation across business, people, processes, and technology. Security is paramount in his approach, seamlessly integrating DevOps & DevSecOps principles throughout the development lifecycle. Kishore has extensive experience successfully restoring “healthy” DevOps & DevSecOps practices transforming existing teams back into high-performing teams and instilling a culture of continuous enhancement within teams and organisations.

## Preparation

**This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you are facing in your organisation.**

To participate you'll need:

- A computer with camera and microphone
- Strong internet connection
- Quiet, well-lit space

## Register Early & Save

Extra Early Bird	Early Bird	Standard Price
Register by 28 <sup>th</sup> Mar	Register by 26 <sup>th</sup> Apr	Register by 10 <sup>th</sup> Jun
\$795 + GST	\$995 + GST	\$1,195 + GST
Save \$400	Save \$200	-

**CLICK HERE TO REGISTER**

\*Group Discounts Available - Contact Registration at [registrations@publicsectornetwork.com](mailto:registrations@publicsectornetwork.com) or Call on **(02) 9057 9070**

# Explore the Agenda

DAY 1 | Tuesday, 11 June 2024, 10:00am - 2:30pm AEST

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## 10:00am Opening Remarks

- Welcome
- Introductions
- Overview and Setting Expectations

## MODULE 1 - Introduction and Principles of ZTA

### 10:30am Introduction to Zero Trust Architecture

- History and Foundational Concept of Zero Trust Architecture
- Benefits of Zero Trust Architecture challenges to your Local Government Area

### 11:45am Zero Trust Guiding Principles: Getting Started

- Begin with the End in Mind
- Do not overcomplicate
- Products are not the priority
- Access is a Deliberate Act
- Inside Out, not Outside In
- Breaches Happen

### 12:30pm Break

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## MODULE 2 - Zero Trust Culture and Policies

### 01:00pm Zero Trust Guiding Principles: Next steps

- Understand your Risk Appetite
- Ensure the TUNE from the Top
- Instil a Zero Trust Culture
- Start Small and Focus on Quick Wins
- Continuously Monitor

### 01:45pm Components of Zero Trust Architecture

- Data, Control plane and Management Plane
- Policy Decision Point
- Policy Enforcement Point

### 02:30pm End of Day 1

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# Explore the Agenda

DAY 2 | Tuesday, 18 June 2024, 10:00am - 2:30pm AEST

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**10:00am** Welcome and Recap

## MODULE 3 - Maturity Model and Software Parameters

**10:15am** Zero Trust Maturity Model

- Five Pillars of Zero Trust Maturity Model
  - Four Cross Functional Maturity Stages
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**11:00am** Software Defined Perimeter

- Definition of SDP
  - History of SDP
  - Principles of Least Privilege
  - Segregation of Duties
  - Relationship Between SDP and Zero Trust
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**11:45am** Break

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## MODULE 4 - Threat Detection and Software-as-a-Service

**12:15pm** SDP Architecture

- SDP Deployment Models
  - Single Packet Authorisation (SPA)
  - Continuous Monitoring and Threat Detection
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**01:00pm** Zero Trust Use Cases

- Micro-Segmentation
  - Software-as-a-Service
  - 5G
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**02:15pm** Closing Remarks

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**02:30pm** End of Day 1

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## Get In Contact

CONNECTING GOVERNMENT  
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