



2023 SIG

# Scoping and Segmentation for Modern Network Architectures



# Kandyce Young

Manager, Data Security Standards

PCI Security Standards Council



# 2023 Special Interest Group

## Topics Overview

- SIG History and Process
- SIG Publications
- 2023 SIG
  - Purpose and Objectives
  - Progress and Highlights
  - Next Steps

# SIG History

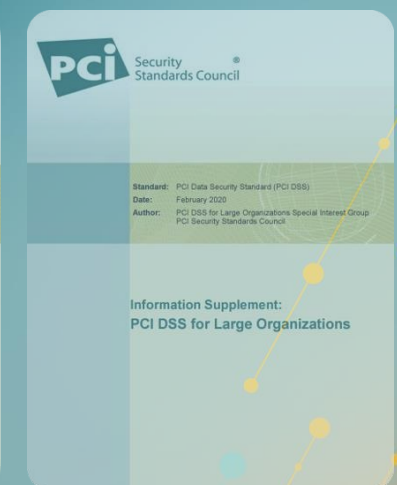
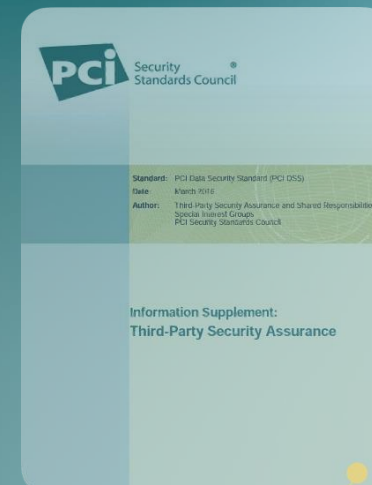
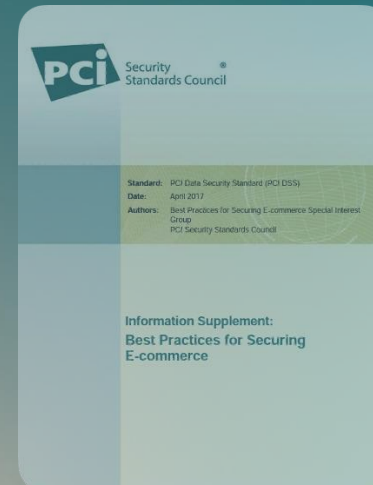
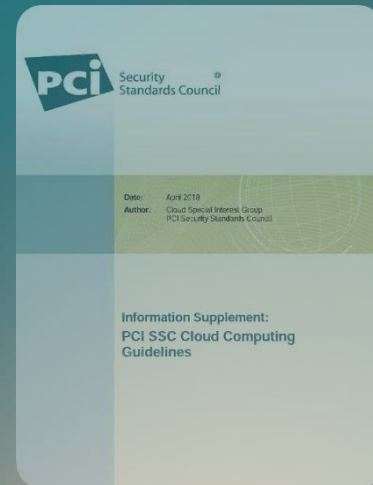
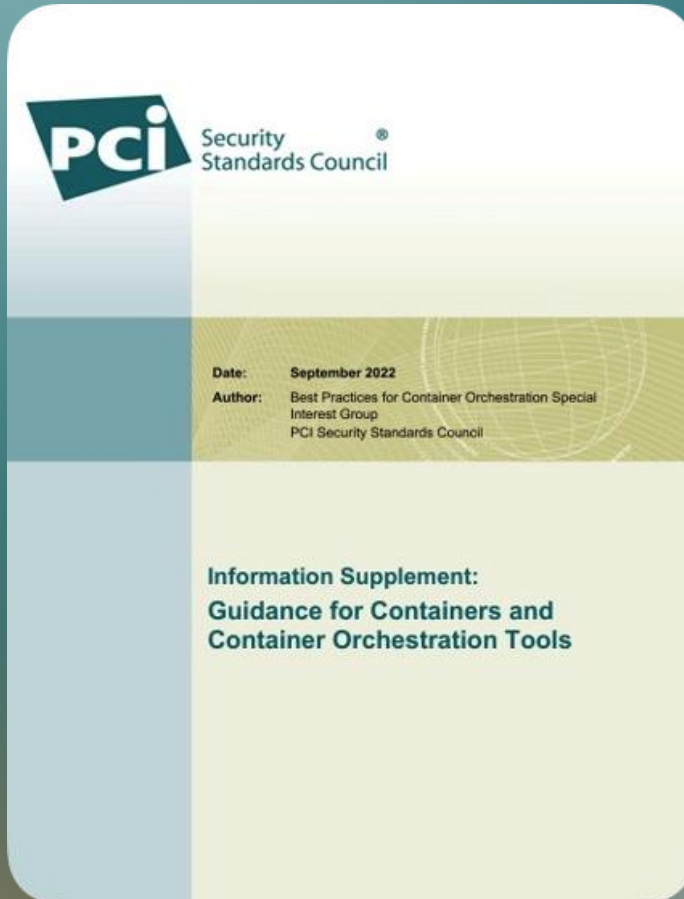
- Community-driven resource development since 2010
- Leverages global expertise in every facet of the payments ecosystem

# SIG Process

- Call for Community Proposals
- Community Votes on Top Proposals
- Objective created based on Top Votes
- Content development and publication

# SIG Publications

## Guidance for Containers and Container Orchestration Tools



# SIG Publications

## Cloud Computing

**PCI** Security Standards Council<sup>®</sup>

Date: April 2018  
Author: Cloud Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
PCI SSC Cloud Computing  
Guidelines**

**PCI** Security Standards Council<sup>®</sup>

Standard: PCI Data Security Standard (PCI DSS)  
Date: April 2017  
Author: Best Practices for Securing E-commerce Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
Best Practices for Securing  
E-commerce**

**PCI** Security Standards Council<sup>®</sup>

Standard: PCI Data Security Standard (PCI DSS)  
Date: March 2016  
Author: Third Party Security Assurance and Shared Responsibilities Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
Third-Party Security Assurance**

**PCI** Security Standards Council<sup>®</sup>

Standard: PCI Data Security Standard (PCI DSS)  
Date: February 2020  
Author: PCI DSS for Large Organizations Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
PCI DSS for Large Organizations**

**PCI** Security Standards Council<sup>®</sup>

Date: September 2022  
Author: Best Practices for Container Orchestration Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
Guidance for Containers and  
Container Orchestration Tools**

# SIG Publications

## Guidance for PCI DSS Scoping and Segmentation

**PCI** Security Standards Council

**Standard:** PCI Data Security Standard (PCI DSS)  
**Date:** May 2017  
**Author:** PCI Security Standards Council

**Information Supplement:  
Guidance for PCI DSS Scoping  
and Network Segmentation**

**PCI** Security Standards Council

**Standard:** PCI Data Security Standard (PCI DSS)  
**Date:** March 2016  
**Author:** Third-Party Security Assurance and Shared Responsibilities Special Interest Group  
PCI Security Standards Council

**Information Supplement:  
Third-Party Security Assurance**

**PCI** Security Standards Council

**Standard:** PCI Data Security Standard (PCI DSS)  
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# 2023 SIG

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## Scoping and Segmentation for Modern Network Architectures



# Kristine Harper

Principal Assurance Consultant  
AWS Security Assurance Services

# Steve Porter

President  
Secured Net Solutions Inc.

# Challenge

- Payments ecosystem is quickly increasing its use of modern network architecture
- The application of PCI DSS controls is becoming increasingly complex

**How can we help organizations continue to secure these evolving environments ?**

# 2023 SIG Purpose

*To support the implementation of PCI DSS scoping and segmentation practices consistently and effectively in environments that employ modern network architectures.*

# 2023 SIG Objective

- Zero trust networks/architectures
- Micro-segmentation and multi-cloud implementations
- Cloud-hosted microservices and systems
- Modern network architectures risks
- Specific scoping and segmentation requirements



# Where Are We Now?

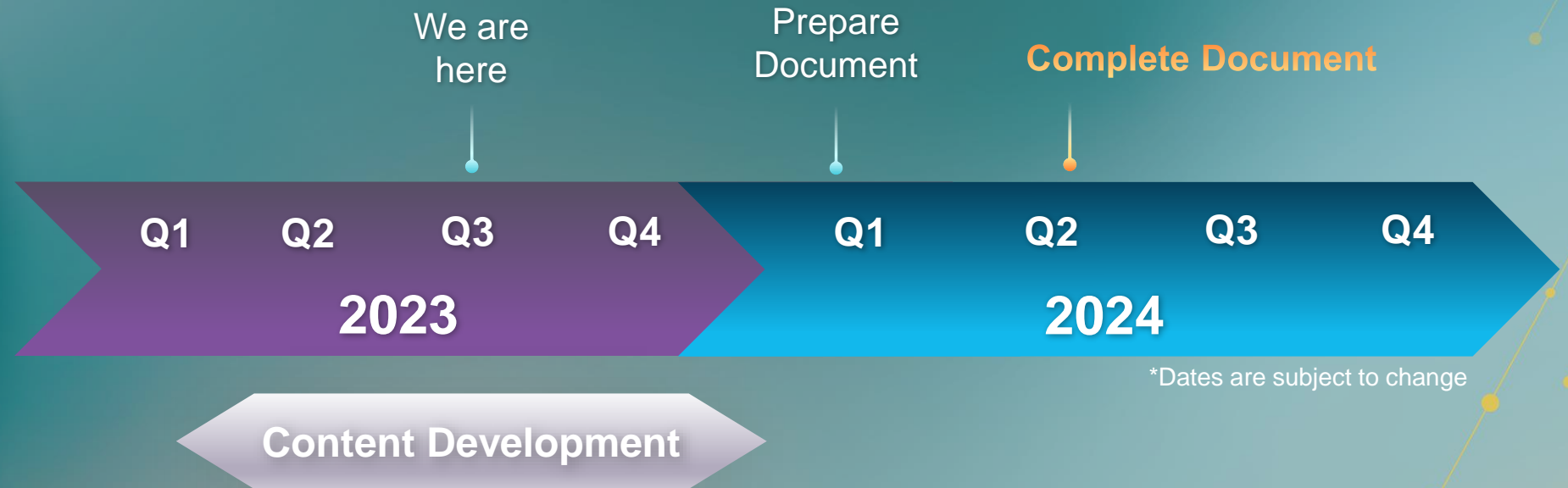
# Key Topics of Interest

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# Where Would We Like To Be?

# 2023 SIG Next Steps

Timeline



\*Dates are subject to change



# Thank You!