



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

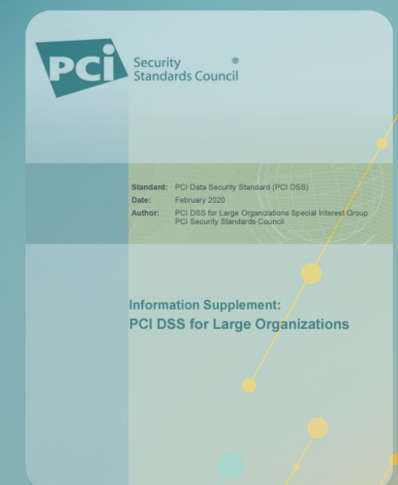
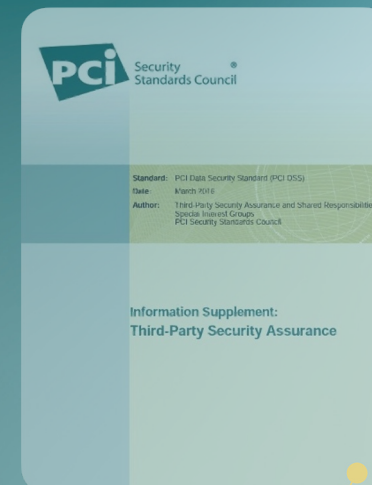
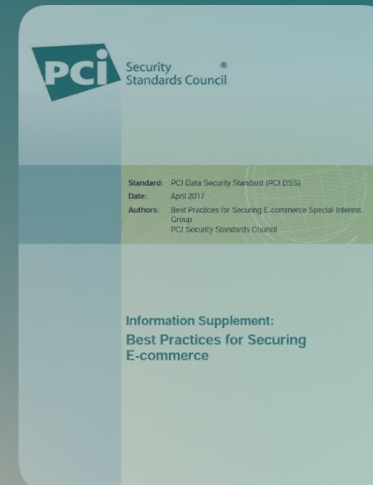
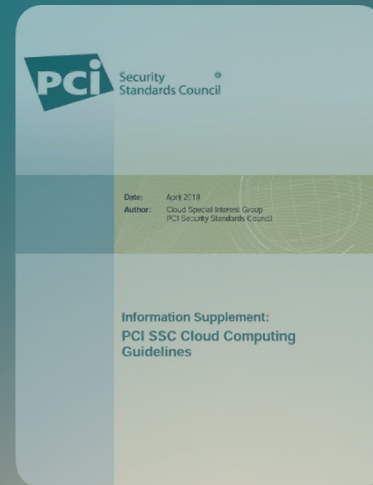
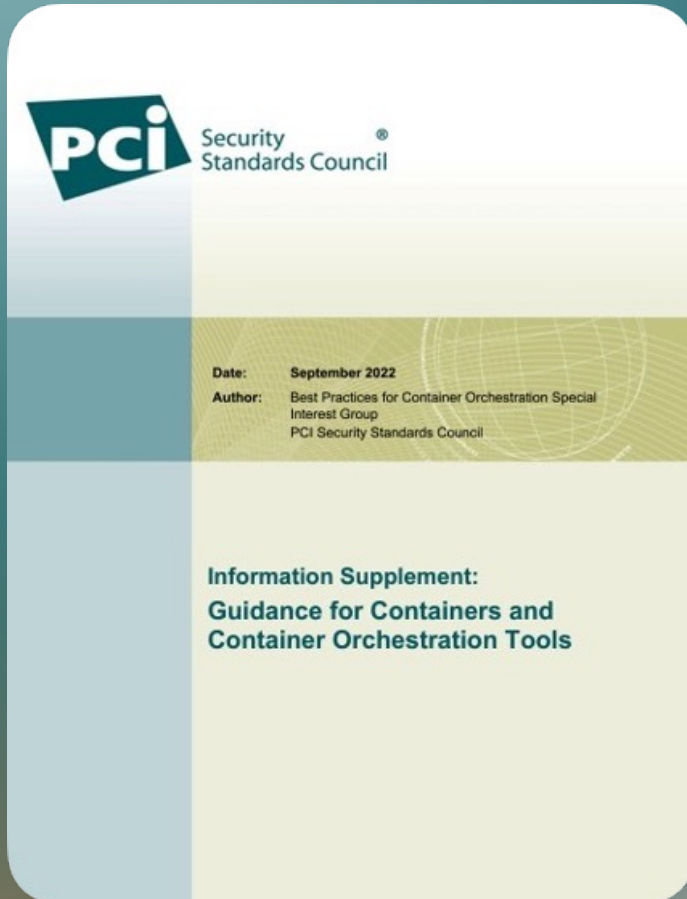
- Community-driven resource development since 2010
- Leverages global expertise in every facet of the payments ecosystem

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[®]

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

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

PCI Security Standards Council[®]

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[®]

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)
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[®]

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**

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

Scoping and Segmentation for Modern Network Architectures



Kristine Harper

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AWS Security Assurance Services

Steve Porter

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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



Key Topics of Interest



Key Topics of Interest



Where Would We Like To Be?

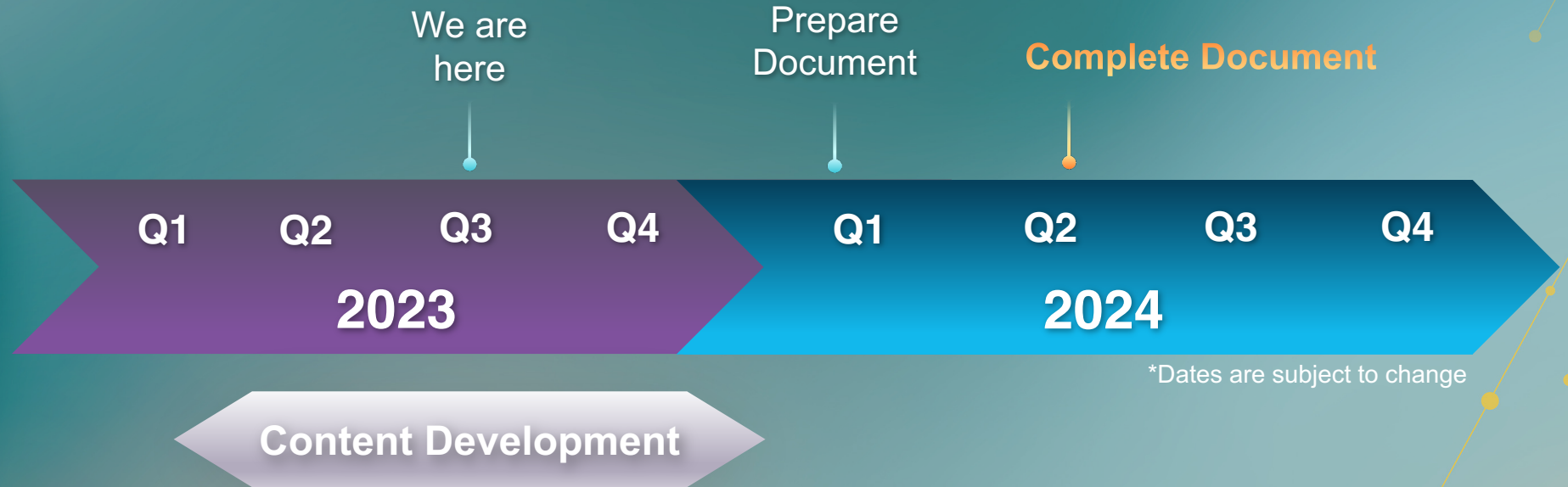


Where Would We Like To Be?



2023 SIG Next Steps

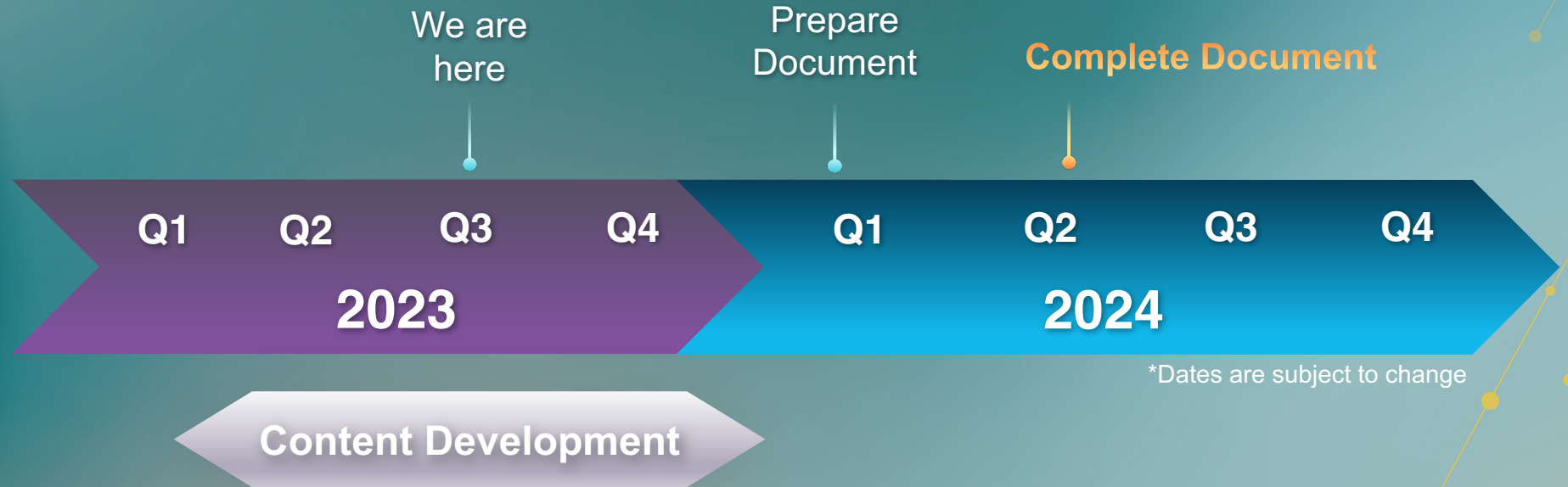
Timeline



*Dates are subject to change

2023 SIG Next Steps

Timeline



*Dates are subject to change



Thank You!