

CryptoCurrency Security Standard (CCSS) Roadmap

March 14, 2025

Introduction

C4 remains committed to enhancing security in the cryptocurrency ecosystem, with the goal of strengthening our position as the premier cryptographic key security standard in the cryptocurrency, blockchain & Web3 space.

In addition to the existing CCSS Auditor (CCSSA) certification, C4 will be releasing the CCSS Implementer (CCSSI) certification.

CCSSI certification:

- Equips security professionals to provide structured pre-audit support.
- Improves audit readiness while maintaining clear role distinctions from Auditors.

CCSSA certification and exams already exist, while the CCSSI introduces a new certification path with its own exam and designation.

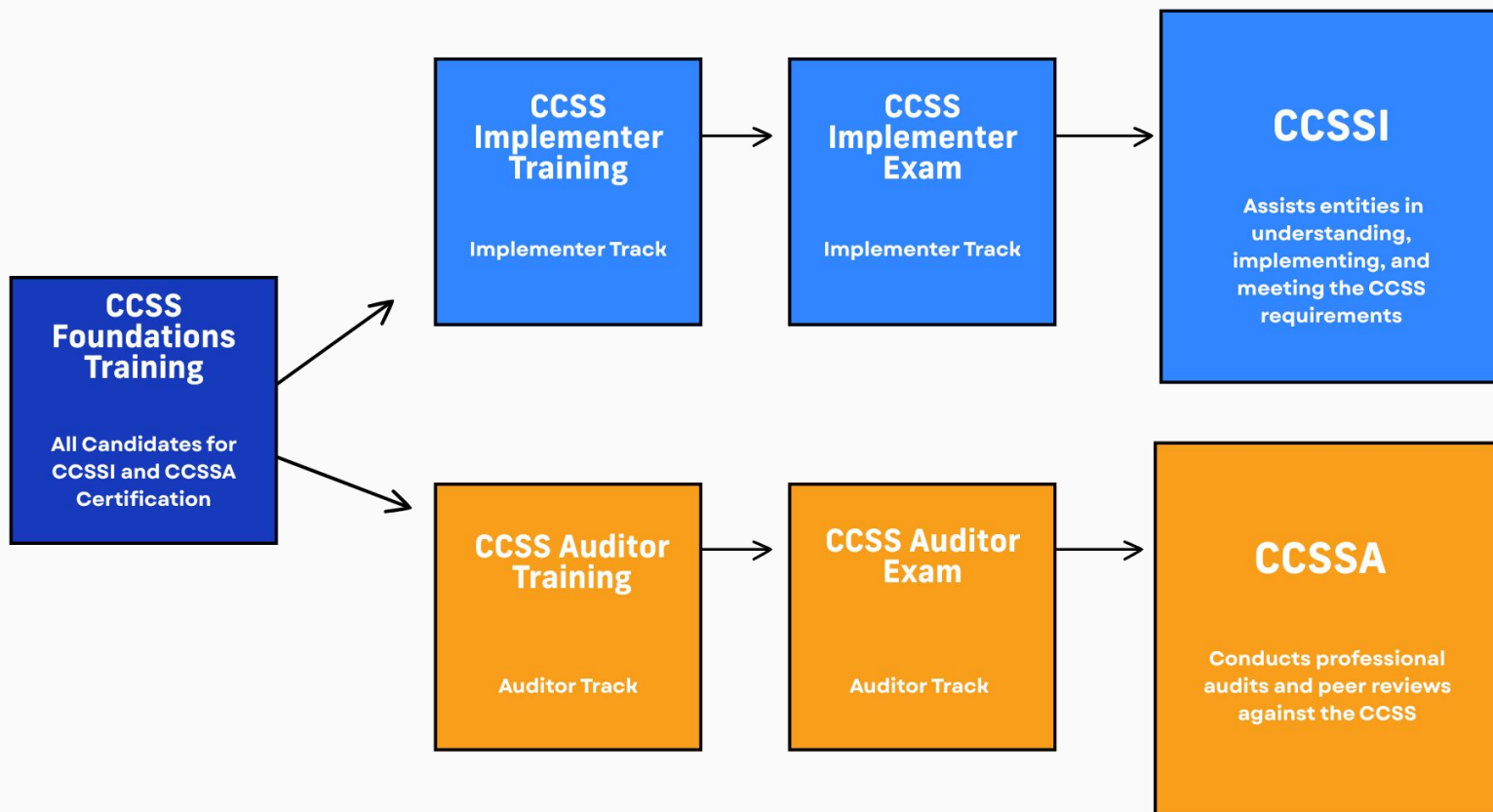
CCSSA Qualification Process

Qualification Steps	Details
Step 1: Self-Assessment	Candidates complete a self-assessment quiz to evaluate experience to determine if additional industry exposure is needed.
Step 2: Attestation of Professional Experience	Candidates provide an attestation confirming their professional experience in security auditing and cryptocurrency security.
Step 3: Training and Certification Exam	Candidates advance to C4's formal interactive training, which includes the CCSS Foundations course and the CCSS Auditor course. The final step is the comprehensive CCSSA exam.

CCSSI & CCSSA Roles

Criteria	CCSSI	CCSSA
Understands CCSS	✓	✓
Conducts gap assessment to see if required controls are in place	✓	✓
Provides Implementation guidance	✓	✗
Provides validation of audit readiness	✓	✗
Conducts audit to ensure compliance has been maintained during the audit's testing period	✗	✓
Assists with remediation activities	✓	✗
Conducts Peer Reviews	✗	✓
Completes official CCSS certification documentation	✗	✓

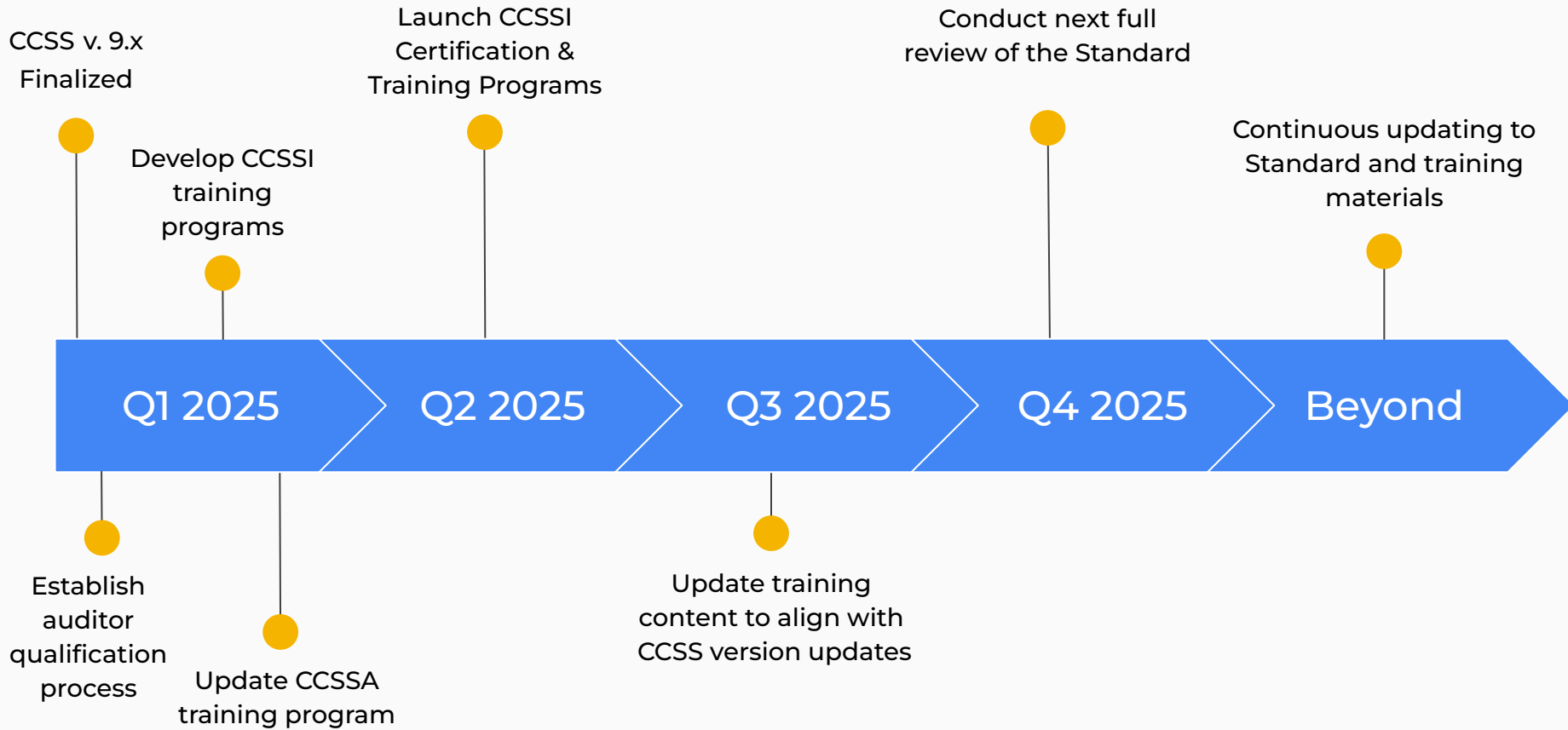
CCSSI & CCSSA Tracks



Training Programs

C4's CCSS training programs:

- **Define clear roles** for Implementers and Auditors, providing separation of duties.
- **Equip professionals** with the knowledge needed to support CCSS implementation and auditing.
- **Enhance audit readiness** by providing organizations with structured guidance before an audit.
- **Streamline assessments** by improving preparedness before engaging an auditor.



Key Roadmap Objectives

- Refine training program for CCSS Auditors.
 - Complete 9.x SROC template with testing procedures.
 - Establish auditor qualification process.
 - Develop interactive auditor curriculum.
- Develop training program for CCSS Implementers.
 - Develop interactive implementer curriculum.
 - Onboard first cohort of CCSSIs.
- Launch CCSSI certification with its own exam and designation.
- Require all new CCSSA candidates to complete training before taking the existing CCSSA exam.
 - Current CCSSAs will complete training upon renewal, and will also be invited to participate in training before renewal if they choose.
- Continuously update training content to align with CCSS version updates, ensuring professionals remain current with evolving security requirements.
- Maintain alignment between training content and CCSS updates while also continuously assess training effectiveness and make improvements as needed.