

2008

Network Security Compliance for PIN and Symmetric Key Management

Training and Exam

Presented by

Darlene Kargel, CPA, CITP

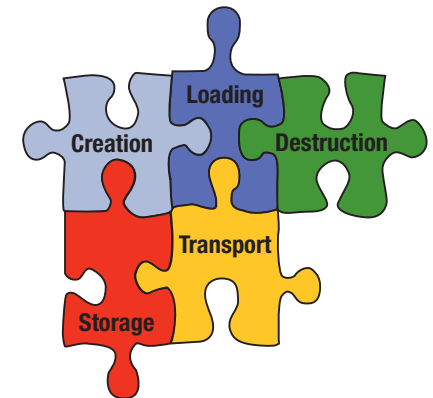
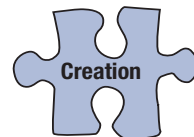
DeLap White Caldwell & Croy, LLP



*"Very well presented.
Reference material is
very informative. Time
& money well spent
attending this course."*



*"A great refresher!
Wish the entire key
management team at
my organization could
participate."*



This course has been approved by NYCE Corporation, PULSE EFT Association and Star Systems for auditors to complete the ATM/POS Compliance Review.

4-Day Core Class (CPE 32 credits)

The 4-day training course is designed to provide both internal and external auditors with the necessary tools to complete the NYCE Corporation, PULSE EFT Association and Star Systems Compliance Reviews.

Level-Introductory: no prerequisites or additional preparation required.

1½-Day Refresher Class (CPE 12 credits)

After attending the 4-day Core Class, a minimum 1½-day “refresher” class is required every 24 months. We offer both a 1½-day refresher class and a 2-day class as described below.

Level-Intermediate: prerequisite—4-day core class, no additional preparation required.

2-Day Class (CPE 16 credits)

A 2-day class will be offered in 2008 to address asymmetric cryptography and the related ‘Part 2’ of ANSI X9.24 and TG-3-2006, Section 5.

Level-Intermediate: prerequisite—4-day core class, no additional preparation required.

4-Day Course Contents

Day One:

- Processor and Auditor Responsibilities
- Compliance Review Objectives
- Network Respondent Forms
- Symmetric Key Management Introduction
- Key Names and Hierarchy
- Cryptogram Notation
- Diagram of PIN Transaction Flow
- PIN Translation
- Characteristics of TRSMs
- Group Project

Day Two:

- Cardholder Authentication Methods
- PIN Block Formats
- Exclusive-or
- Introduction to Symmetric Key Life Cycle, Including:
 - Key Check Values
 - Single-Length vs. Double-Length Keys



–Single DES vs. Triple DES

- Approved Key Methodologies
- Asymmetric Keys for Distributing Symmetric Keys
 - high level
- Group Project

Day Three:

- Review and Obtain an Understanding of Each Control Objective in the New ANS X9/TG-3-2006, Section 4
- Techniques for Measuring Compliance
- Group Project

Day Four:

- Compliance Review Field Work Activities
- General Key Management Documentation
- Reporting the Findings
- Migration to AKB

1½-Day Refresher Class

Refresher Course #1

- Review and obtain an understanding of each control objective in the ANSI X9/TG-3-2006, Section 4



2-Day Remote Key Class

Day One:

- Methods of Remote Key Distribution including asymmetric methods described in ANSI X9.24, part 2

Day Two:

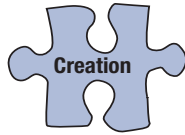
- Obtain an understanding of each control objective in the ANSI TG-3-2006 Section 5

Exam

Effective 2008, a passing grade is required for all auditors performing a TG-3 review at the processor level. Auditors receiving a passing grade will also receive a new designation — CTGA. Examination criteria and relevant information will be provided through each network’s normal communication methods. Exam time allowance is four hours. DWCC will offer twelve opportunities in 2008 to sit for the exam.

About the Instructor

DeLap White Caldwell & Croy, LLP (DWCC):



Darlene Kargel is a CPA and auditor for DWCC with over 30 years of accounting and computer application experience. Ms. Kargel has performed Network Security Compliance Reviews since 1992 for ATM and POS transactions. Clients include banks, processors, merchant processors, and key injection facilities in the USA, Canada and Mexico.

Ms. Kargel is vice chairperson of the ANSI X9F6 Working Group and a US Expert to ISO TC68 SC2 WG13.

Other Services:

- Network required TG-3 Compliance Reviews
- Sponsoring Banks ISO Due Diligence Reviews
- ISO Key Management Reviews
- Visa® and Mastercard™ PIN Security Reviews (CPI)

Registration

DWCC (Sheryl Malm or Jeanette Smith) at (888) 697-1040 (8 a.m. - 5 p.m. Pacific time). Please fax your registration to (503) 697-4196. On-line registration form for faxing at www.yourcpas.com

4-day course fee...\$1,525
1½-day Refresher course fee...\$685
2-day course fee...\$910
Exam fee...\$425



Class hours all day: 8:30 a.m. - 4:30 p.m.
Continental breakfast starts all days: 7:30 a.m.

Fee includes classroom materials, continental breakfast, lunch and afternoon break refreshments. Payment for course must accompany registration.

Payment can be made by:

1) sending a check, or 2) Visa®, Mastercard®, American Express®, or Discover®

Cancellation and Substitution Policy

Registrations may be cancelled up to 14 days prior to class by paying a \$100 cancellation fee. Cancellations within 14 days will not be refunded; however, substitutions will be accepted.

Schedule Changes

DWCC may occasionally find it necessary to reschedule or cancel sessions and will give registrants advance notice of such changes. DWCC will not be responsible for penalties incurred as a result of discount airfare purchases.

For details on Cancellation/Refunds and Schedule Changes policy, please see our website at www.yourcpas.com/security-compliance; or contact Ms. Jeanette Smith at (888) 697-1040.

The contents of the 4-day Core course and the Refresher courses meet the training requirements of NYCE Corporation, PULSE EFT Association and Star Systems, Network Security Compliance Reviews, and is approved for 32 hours, 12 hours, and 16 hours of CPE credits respectively.



Course Locations & Dates

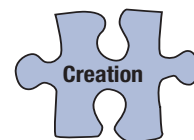
Dates	Location	Course Type
April 21 - 24, 2008	Dallas, TX (Downtown)	4-Day Core Class
April 28 - 29, 2008	Dallas, TX (Downtown)	1½-Day Refresher Class
April 30 - May 1, 2008	Dallas, TX (Downtown))	2-Day Class
May 12 - 15, 2008	Anaheim, CA (LA area by Disney)	4-Day Core Class
May 19 - 20, 2008	Anaheim, CA (LA area by Disney)	1½-Day Refresher Class
July 10 - 11, 2008	Orlando, FL (by Downtown Disney)	1½-Day Refresher Class
July 14 - 17, 2008	Orlando, FL (by Downtown Disney)	4-Day Core Class
August 4 - 7, 2008	Philadelphia, PA (downtown - great location)	4-Day Core Class
August 11 - 12, 2008	Philadelphia, PA (downtown - great location)	1½-Day Refresher Class
September 15 - 18, 2008	San Diego, CA Doubletree Hotel San Diego	4-Day Core Class
September 22 - 23, 2008	San Diego, CA Doubletree Hotel San Diego	1½-Day Refresher Class
October 7 - 8, 2008	Orlando, FL (by Downtown Disney)	1½-Day Refresher Class
October 9 - 10, 2008	Orlando, FL (by Downtown Disney)	2-Day Class Asymmetric Key
October 13 - 16, 2008	Orlando, FL (by Downtown Disney)	4-Day Core Class

Exam Locations, Dates, & Times

Dates	Location	Time
April 25, 2008	Dallas, TX (Downtown)	8:00 - Noon
April 29, 2008	Dallas, TX (Downtown)	1:00 - 5:00

May 16, 2008	Anaheim, CA (LA area by Disney)	8:00 - Noon
May 20, 2008	Anaheim, CA (LA area by Disney)	1:00 - 5:00
July 11, 2008	Orlando, FL (by Downtown Disney)	1:00 - 5:00
July 18, 2008	Orlando, FL (by Downtown Disney)	8:00 - Noon
August 8, 2008	Philadelphia, PA (downtown - great location)	8:00 - Noon
August 12, 2008	Philadelphia, PA (downtown - great location)	1:00 - 5:00
September 19, 2008	San Diego, CA Doubletree Hotel San Diego	8:00 - Noon
September 23, 2008	San Diego, CA Doubletree Hotel San Diego	1:00 - 5:00
October 8, 2008	Orlando, FL (by Downtown Disney)	1:00 - 5:00

October 17, 2008	Orlando, FL (by Downtown Disney)	8:00 - Noon
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Texas (Dallas/downtown)

The Adolphus
1321 Commerce Street
Dallas, TX 75202
Reservations: (214) 742-8200
Preferred room rate: \$165

San Diego

Doubletree Hotel San Diego-Mission Valley
7450 Hazard Center Drive
San Diego, CA 92108
Reservations: (800) 222-8733
Preferred room rate: \$179

Accommodations

DWCC has reserved blocks of rooms and preferred rates in the hotels where training classes are being held. **Preferred rates will be honored up to 30 days prior to the course. Please call the hotels directly and be sure to mention DeLap White Caldwell & Croy, LLP to ensure your preferred rate.**

Hotel Directory

California (Anaheim/LA Area)

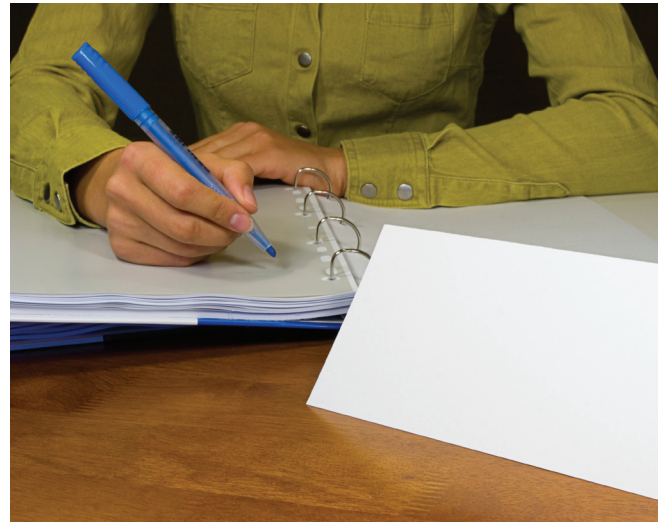
DoubleTree Guest Suites
(Adjacent to the Disneyland Resort)
2085 South Harbor Blvd.
Anaheim, CA 92802
Reservations: (714) 750-3000
Preferred room rate: \$139

Florida (Orlando)

Hilton in the Walt Disney World Resort
1751 Hotel Plaza Blvd.
Lake Buena Vista, FL 32830
Reservations: (800) 782-4414
Preferred room rate: July \$169, October \$179

Philadelphia

Doubletree Hotel Philadelphia
237 South Broad Street
Philadelphia, PA 19107
Reservations: (215) 893-1600
Preferred room rate: \$169



For room amenities, internet connections, maps, parking, local attractions or any additional information that you may require regarding your hotel site, log on to:

Hilton - www.hilton.com
Doubletree - www.doubletree.com
The Adolphus - www.hoteladolphus.com

Delap White Caldwell & Croy, LLP is registered with the National Association of State Boards of Accountancy (NASBA), as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be addressed to the National Registry of CPE Sponsors, 150 Fourth Avenue North, Suite 700, Nashville, TN, 37219-2417. Web site: www.nasba.org



Registration Form

Name _____

Company _____

Address _____ City, State, Zip _____

Phone _____ Fax _____ email _____

4-Day \$1525 1½-day Refresher Class \$685 2-Day \$910 Exam \$425

Class Date _____ Location _____

Exam Date _____ Location _____

Mail this form and your check to:

4500 SW Kruse Way, Suite 200
Lake Oswego, OR 97035

For more information,

call Sheryl Malm or Jeanette Smith at (888) 697-1040 (Pacific time)
email: smalm@yourcpas.com, jsmith@yourcpas.com or
Fax: (503) 697-4196, or
visit our Web site at <http://www.yourcpas.com>

Payment Method

Check enclosed (Delap White Caldwell & Croy, LLP)

Charge to my: VISA MasterCard Discover American Express

Account # _____ V-Code _____ Expiration Date _____ Signature _____

Card-owner's name _____ Card-owner's billing address _____