+1 (219) 764-3800

6210 Central Ave, Portage IN

sales@ctclc.com

www.ctclc.com

CISCO Partner

Platinum Learning

WHERE GREAT TRAINING HAPPENS EVERYDAY!

Installing, Deploying and Configuring Cisco Emergency Responder v12.5 (CER)

This is a two-day instructor-led course, students will Install, Configure, and Implement Cisco Emergency Responder (Cisco ER). Student will also integrate emergency communication system with Cisco Unified Communications Manager. Students will learn how Cisco ER automatically notifies and routes calls to the local public safety answering point (PSAP) operator. Students will configure emergency response locations (ERLs) and emergency location identification numbers (ELINs) in CER to properly route enhanced 911 (E911) calls. You will also examine CER disaster recovery and user management.

How you'll benefit
This class will help you:

- Learn how to Install, Configure, and Implement Cisco Emergency Responder (Cisco ER)
- Understand how to configure Emergency Location Identification Numbers (ELINs)
- Learn how to Configure CUCM for CER

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend
The primary audience for this course is as follows:

- Network Video Engineer
- Voice / UC / Collaboration / Communications Engineer
- Collaboration Tools Engineer
- Collaboration Sales / Systems Engineer

OUTLINE

Module 0: Introduction
- Introduction
- Cisco Endpoints Overview
- Locating Documentation

Module 1: Cisco Emergency Responder Overview
- PSAP/ Emergency Calling Overview
- National Emergency Number Association
- Legislation and Regulation
  - o   Service Provider ALI
  - o   Automatic Number Identification (ANI)
  - o   Automatic Location Identification (ALI)

Course Duration

2 days

Course Price

$2,995.00

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

- NENA Emergency Response Location
- NENA Guidelines for ERLs
- NENA Emergency Location Identification Number (ELIN)
- E911 Preparation
- Cisco Emergency Call Handler
- Cisco Emergency Responder 11.x Enhancements
- License Management
- Emergency Responder Redundancy
- Clustering CER over the WAN
- Integration with UC Manager
- Intrado Architecture
- CER Wireless Features Overview

Module 2: Installing Cisco Emergency Responder
- Supported Hardware Platforms
- CER Virtual Server Requirements
- Deploy Cisco CER OVF/OVA
  - Installation of CER
  - CER CLI Interface
  - Reset Application Administrator Password
  - Add 2nd CER Server – Subscriber
  - Upgrade VMware Tools on Cisco Emergency Responder Server
  - CER Backup and Restore
  - CER PLM Licensing

Module 3: Unified Communication Manager CER Configuration
- Cisco Unified Communications Manager Administrator Interfaces
- Cisco Unified Communications Manager Required Services for CER
- CUCM SNMP Settings Phone Partition and Calling Search Spaces
  - Partitions for 911 Services
  - CER CUCM Configuration for CTI Route Points and CTI Ports
  - Configure CER Route Patterns for 911 and Security Personal
  - Create Translation Patterns for ELINs
  - Create Emergency Responder Cisco Unified Communications Manager User
  - Location Awareness Overview
  - Configure Wireless Endpoint Tracking Feature on UCM 11.5

Module 4: Cisco Emergency Responder (CER) Configuration
- Emergency Responder Interface
- E.164 Dial Plan Support
- Cisco Emergency Responder Groups
  - Setup CER Groups
  - CER Telephony Settings for CER
  - Cisco CER License Manager
  - Cisco CER Email Settings
  - Cisco CER – Add Subscriber
  - Onsite Security Alerts for Security Personnel
  - Pager Alert Configuration
  - Configure Emergency Response Location (ERL)
  - Configure Emergency Location Identification Number (ELIN)
  - ERL Migration Tool
  - Configure SNMP
  - Configure Phone Tracking
  - Configure LAN Switch Tracking
  - Configuring IP Subnet-based ERLs

- o Configuring Manual Phone Tracking
- o Emergency Responder User Management
- o Manage Onsite Alerts, ERLs, and ALI Data
- o User and Security Logins
- o CER – Web Alerts
- o CER – ERL Audit Trail
- o Export PS-ALI Records
- o ERL Debug Tool

LAB OUTLINE

Lab 1: Configure Cisco Unified Communications Manager Initial Settings for CER

Lab 2: Deploying Endpoints

Lab 3: Create Emergency Call Route Points

Lab 4: Provision Gateway

Lab 5: Configuring Cisco Emergency Responder (CER)

License CER
CER Cisco ER Groups
CER Cisco ER Group Settings
CER Telephony Settings
CER Server Settings
CER Email Alert Settings
CER Add Subscriber
CER User Accounts and Groups
Security Roles
CER and Cisco UCM Integration
Verify CER and Cisco UCM Integration on UCM
CER Onsite Alert Personnel
Configure Default CER ERL
Add a New ERL
Configure CER SNMP
Configure CER Phone Tracking Schedule
Configure CER LAN Switch Details
Run Switch-Port & Phone Update
Configure CER LAN Switch Details
Configure Tracking by IP Subnet
Exporting ALI for PSTN Carrier
Testing the 911
System and Troubleshooting
System Backups with the Disaster Recovery System