

CA Top Secret V16: Advanced Technical Security Mainframe and Distributed Integrations 300

EDUCATION COURSE DESCRIPTION

SUPPORTED PRODUCT RELEASE(S)

CA Top Secret
Version 16

COURSE TYPE, LENGTH, & CODE

- Instructor Led (ILT/VL)
- Three (3) Days
- Course Code: 06TSS30101

PREREQUISITE(S)

- CA Top Secret V16: Security Mainframe and Distributed Integrations 200 (06TSS20071)
- Advanced knowledge of mainframe data processing concepts and CA Top Secret implementation
- At least 2 years experience with CA Top Secret

WHO SHOULD ATTEND

- Security Administrators
- System Programmers
- Anyone who has a role in installation and implementation of CA Top Secret

Course Overview

This course will teach you how to install CA Top Secret and tune your security systems for optimal performance in your unique environment. You will gain an understanding of UNIX Systems Services and methods for securing these services using CA Top Secret. You will learn CA Top Secret commands used to create, maintain, and process Digital Certificates.

You will also learn basic fundamentals, concepts and components behind SAF, TS9SINSTX, and TSSAI and understand the RACROUTE macro. In addition, you will understand features and components of LDAP Server for z/OS.

This Course Will Show You How To:

- Describe how CA Top Secret is invoked by SAF in a z/OS environment.
- Describe the requirements for securing UNIX System Services.
- Identify which TSSINSTX exit points might be of use in customization for your organization's special needs.
- Use special utilities for troubleshooting.
- Explain the use of digital certificates.
- Explain CA Top Secret's performance tuning capabilities.

Course Agenda

Module 1: CA Top Secret Review

- Describe the basic concepts underlying CA Top Secret.
- Start and stop CA Top Secret
- Use certain control options

Module 2: – Unix System Services Overview

- Describe the use of UNIX Systems Services

Module 3: USS Logging, Reporting and Administration

- Use the logging, reporting and administration functions of Unix System Services

Module 4: HFSSEC Overview

- Describe the use of the UNIX HFSSEC

Module 5: Secure USS Using CA Top Secret

- Secure UNIX Systems Services using CA-Top Secret

Module 6: Digital Certificates Overview

- Define Digital Certificates
- Describe the general concepts and processing of Digital Certificates

Module 7: Digital Certificates: General Rules

- Understand the components of Digital Certificates
- Describe CA Top Secret Commands used to create, maintain and process digital certificates

Module 8: Digital Certificates in WebSphere and FTP

- Describe CA Top Secret Commands used in WebSphere and FTP

Course Agenda Continued

Module 9: SAF Interface

- Describe the basic fundamentals, concepts and components behind SAF
- Understand the RACROUTE macro

Module 10: – Exits and Interfaces

- Describe and use TSSINSTX
- Describe and use TSSAI

Module 11: Tune z/OS for CA Top Secret

- Tune z/OS for CA Top Secret

Module 12: Tune CICS for CA Top Secret

- Tune CICS for CA Top Secret

Module 13: Troubleshooting

- Use CA Top Secret Investigative tools

Module 14: Troubleshooting with SECTRACE

- Use SECTRACE to troubleshoot

Module 15: Installation and Recovery

- Use the file installation utilities
- Recover from a damaged primary security file

Module 16: LDAP Support: Part 1

- Describe fundamentals of LDAP

Module 17: LDAP Support: Part 2

- Understand and Describe the features and components of LDAP Server for z/OS, a component of CA Top Secret® Security for z/OS, including the functionality of the Distributed Security Integration daemon

Course Resources

Communities

[CA Top Secret Community](#)

Documentation

[CA TOP SECRET® FOR Z/OS 16.0](#)

Product Information

<https://www.broadcom.com/products/mainframe/security-compliance/top-secret>