



Forcepoint CASB Services Professional – Instructor led In-person

Datasheet

March 2019

Forcepoint CASB Services Professional

Course Overview

During this 5-day hands-on instructor led course, you will gain an understanding of the key core competencies and skills needed to practice as a Forcepoint CASB Services Professional. The core competencies are Forcepoint CASB administration, deployment, installation, upgrade and troubleshooting. This course prepares you to manage or lead a deployment of Forcepoint CASB from concept creation to production.

Audience

- ▶ Consultants, System Administrators, Data Security Administrators
- ▶ Forcepoint channel partners, IT staff
- ▶ Sales Engineers, Implementation Specialists, Deployment Specialists, Network Architects, Technical Support

Course Objectives

- ▶ Explain Forcepoint CASB's role in the Forcepoint Human Centric Cybersecurity strategy
- ▶ Define the key UI elements used to accomplish administrative tasks
- ▶ List the capabilities of Forcepoint CASB
- ▶ Diagram the Forcepoint CASB architecture
- ▶ Discover cloud application usage within the organization's networks
- ▶ Integrate your Active Directory into your Forcepoint CASB instance
- ▶ Add discovered cloud applications as managed assets
- ▶ Configure cloud application access policies, reporting, and notifications
- ▶ Customize and enable DLP and Anomaly Detection policies
- ▶ Perform Forensic Analysis using Forcepoint CASB
- ▶ Integrate Forcepoint CASB with Single Sign-On for cloud applications
- ▶ Perform Advanced Forcepoint CASB Administration tasks
- ▶ Integrate Forcepoint CASB with Forcepoint Web and Data Security
- ▶ Configure advanced data leak prevention policies
- ▶ Perform advanced troubleshooting for Forcepoint CASB tools and agents
- ▶ Complete a new customer implementation

Format:

Classroom Instructor Led Training*

Duration:

40 hours total - 5 days, 8 hours per day – plus 30-60 minutes of homework each day

Language:

English

Course Price:

\$3,500 USD

Exam Price:

Included

Prerequisites for Attendance

- ▶ General understanding of Software as a Service (SaaS)
- ▶ General knowledge of Cloud Applications
- ▶ Basic knowledge of Active Directory/User Directory concepts
- ▶ Basic knowledge of IPv4 networking concepts (IP addresses, routing, URLs, proxies, gateways, firewalls)
- ▶ User experience with platforms on which Forcepoint CASB will be deployed
- ▶ Basic familiarity with privacy standard terminology and their acronyms (HIPPA, PII, GDPR, PCIDSS)
- ▶ Intermediate knowledge of networking and cloud security concepts.
- ▶ A computer that meets the requirements noted at the end of this document.
- ▶ A Windows computer running Windows 7 64bit or higher, or an Apple Mac running OS X 11.13 or later

Certification Exam Information

This course prepares you to take and pass the Certified Forcepoint CASB Administrator and Certified Forcepoint CASB System Engineer Exams. The exams are included in the price of the course, but the execution of the exams are not accomplished during the course.

The Administrator exam is multiple choice and administered within Forcepoint University. The System Engineer exam is administered in a live, proctored, hands-on lab environment, which must be scheduled separately from the Administrator exam. A minimum score of 80% on the multiple-choice online exam and the proctored hands-on exam is required to obtain certification.

Course Outline

MODULE 1: OVERVIEW AND GETTING STARTED

- Define the essence of Forcepoint CASB
- Convey where Forcepoint CASB fits in the Forcepoint Human Centric Cybersecurity System
- Logon to, navigate through, and logoff of the Forcepoint CASB User Interface (UI)
- Diagram the architecture of Forcepoint CASB, defining the function and purpose of each component
- List the key capabilities of Forcepoint CASB
- Access the Forcepoint CASB online Administrator's Guide
- Perform adding administrators to Forcepoint CASB
- Create and setup Forcepoint CASB administrator accounts using the UI

MODULE 2 - DISCOVERY & DEFINITION

- Discover Cloud Applications used by your organization, and the people using them
- Identify which Cloud Applications are considered
- Identify risk by Forcepoint CASB using the Cloud Discovery Dashboard
- Add and remove application scans
- Define, compare, contrast user and accounts in Forcepoint CASB
- Create an organizational directory and use Active Directory Agent to upload users into Forcepoint CASB
- Define Why and How to add Organizational IP
- Address ranges in Forcepoint CASB

MODULE 3 - ASSET & ENDPOINT MANAGEMENT

- List the options & subcategories Forcepoint CASB provides when adding Assets
- Add Managed Assets to your Forcepoint CASB using Offline API, Reverse Proxy, and Forward Proxy
- Configure the Reverse Proxy Deployment Method
- Define Endpoint as used by Forcepoint CASB
- Define the difference between Managed and Unmanaged Endpoints for Forcepoint CASB
- Install and configure the Forcepoint CASB endpoint agent
- Force endpoint traffic flows through a Forcepoint CASB gateway
- Enroll endpoints using self and administrative Enrollment functions

MODULE 4 - MANAGE AUDIT & PROTECT POLICIES

- Create and configure cloud application access policies
- Block applications by domain name
- Customize and enable a DLP Quick Policy
- Customize and enable an Anomaly Detection Quick Policy
- Create a custom policy using the Custom Policy Editor
- Generate traffic to test each policy
- Disable Quick or Custom Policies

MODULE 5 - MANAGING COMPLIANCE AND GOVERNANCE POLICIES

- List the capabilities and limitations of Compliance
- Data Classification and Governance policies
- Create and schedule a Data Classification policy
- Use the Dashboard and Reports to view sensitive files found and delegate via tasks
- Clone and modify a Governance policy based on issues surfaced by the scan

MODULE 6 - FORENSIC ANALYSIS IN CASB

- Identify high risk users and take appropriate actions
- Define and list Forcepoint CASB data types
- Define the benefit of using built-in CASB data types
- Investigate potential issues utilizing Security Widgets
- Perform forensic analysis to determine severity levels of anomalies
- Identify triggered incidents and apply workflow actions
- Manage users on the Watch List

MODULE 7 - CONFIGURING NOTIFICATIONS & GENERATING REPORTS

- List the use case for each CASB notification type
- Create a new Notification and add it to an existing policy
- Modify an existing Notification
- Use the Report Generator to create a report

MODULE 8 - DEPLOYING IDP PROXY INTEGRATION WITH FORCEPOINT CASB

- Define the SAML single sign-on format and explain the workflow with and without CASB
- Integrate Forcepoint CASB with Okta for G Suite
- Integrate Forcepoint CASB with Okta for Office 365
- Integrate Forcepoint CASB with AD FS for G Suite

MODULE 9 - ADVANCED ADMINISTRATION

- Create a custom format file to perform a successful Application Discovery scan
- Schedule an automatic Application Discovery scan
- Install and configure the SIEM tool to perform an automatic export of CASB data
- Create a custom Data Type and perform a successful CASB DLP scan using the custom Data Type
- Explain how Forcepoint CASB translates Cloud Application transactions to activities
- Create advanced custom policies from identified Cloud Application transactions and activities
- Configure the Forcepoint CASB Encryption Broker

MODULE 10 - INTEGRATE FORCEPOINT CASB WITH OTHER FORCEPOINT PRODUCTS

- List the benefits of integrating Forcepoint CASB with Forcepoint Web Security
- Generate a CASB Application Programming Interface access key for Forcepoint Web Security
- Connect Forcepoint Web Security to Forcepoint CASB
- Configure Forcepoint Web Security to use the CASB certificate
- Configure Forcepoint Web Security to protect cloud assets using Forcepoint CASB
- Create policies to protect cloud assets using Forcepoint Web Security
- Enable automatic enrollment of endpoints with Forcepoint CASB
- List the benefits of integrating Forcepoint CASB with Forcepoint Data Loss Prevention
- Generate a CASB Application Programming Interface access key for Forcepoint Data Loss Prevention
- Connect Forcepoint Data Loss Prevention to Forcepoint CASB
- Create an Application Programming Interface connection to managed cloud assets
- Configure Forcepoint Data Loss Prevention policies to protect cloud assets using Forcepoint CASB

MODULE 11 - ADVANCED TROUBLESHOOTING

- Troubleshoot Active Directory Tool connectivity issues with the Domain Controllers and CASB
- Enable verbose debugging logs to identify issues with the Active Directory Tool
- Troubleshoot SIEM Tool connectivity issues with CASB
- Identify and resolve SIEM Tool automation issues in Windows
- Enable verbose debugging logs to identify issues with the SIEM Tool
- Troubleshoot Cloud Discovery Tool connectivity issues with CASB
- Enable verbose debugging logs to identify issues with the Cloud Discovery Tool
- Troubleshoot Endpoint Agents for Windows and Mac OS
- Identify and resolve Endpoint Agent connection issues with the CASB

MODULE 12 - NEW CUSTOMER IMPLEMENTATION OF CASB

- Demonstrate the CASB implementation process
- Describe the kick-off calls and gather technical and other information to ensure a successful implementation
- Perform a technical review to validate customer requirements
- Complete a technical checklist

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