



Forcepoint Cloud Access Security Broker (CASB) System Engineer Instructor Led

Datasheet

March 2019

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CASBSE

During this 3-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 System Engineer. The core competencies are deployment planning, deployment, installation, integrations, upgrades and troubleshooting. This course prepares you to manage or lead a development 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

- ▶ Deploy Forcepoint CASB for managed cloud services
- ▶ Integrate Forcepoint CASB with Single Sign-On for common cloud applications
- ▶ Configure automation of Forcepoint CASB tools
- ▶ Identify cloud application activities based on transactions
- ▶ Configure cloud application access policies, reporting, and notifications
- ▶ Integrate Forcepoint CASB with Forcepoint Web and DLP Security
- ▶ Configure advanced data leak prevention policies
- ▶ Perform Advanced Forcepoint CASB Administration tasks
- ▶ Perform advanced troubleshooting for Forcepoint CASB tools and agents
- ▶ Complete a new customer implementation

Format:

Classroom Instructor Led Training*

Duration:

24 hours total - 3 days, 8 hours per day – plus 30-60 minutes of homework each day

Language:

English

Course Price:

\$2,100 USD non-discountable

Exam Price:

Included

Prerequisites for Attendance

- ▶ Completion of the Forcepoint CASB Administrator Course and certification.
- ▶ Intermediate knowledge of networking and cloud security concepts.
- ▶ A Windows computer running Windows 7 64bit or higher, or an Apple Mac running OS X 11.13 or later

Certification Exams

This course prepares you to take and pass the Certified Forcepoint CASB System Engineer Exam. The exam is included in the price of the course, but the execution of the exam is not accomplished during the course. A minimum score of 80% on the proctored hands-on exam is required to obtain certification.



Course Outline

MODULE 1: 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 Active Directory Federated Services for Salesforce

MODULE 2: 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
- Explain how to configure the Forcepoint CASB Encryption Broker

MODULE 3: 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 4: 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 5: NEW CUSTOMER IMPLEMENTATION OF CASB

- Demonstrate the CASB implementation process
- Be capable of facilitating customer kick-off calls to gather technical information needed to ensure a successful implementation
- Perform a technical review to validate customer requirements
Be able to complete a technical checklist

Terms and Conditions

- ▶ Instructor Led Trainings (ILT's) are delivered as live instructor-led training in a classroom.
- ▶ This course is limited to the topics described in this data sheet and may not address all of your unique requirements.
- ▶ Forcepoint training courses are standard and non-negotiable.
- ▶ Forcepoint provides the training "AS IS" and makes no warranties of any kind, express or implied.
- ▶ ILT's courses must be completed within 6 months from purchase or the course may be forfeited.
- ▶ The training services in this course are provided pursuant to the Subscription Agreement.
- ▶ Assent to the Subscription Agreement constitutes acceptance of the above terms and conditions.

For more information about this course or other Forcepoint training offerings, please visit:

<https://www.forcepoint.com/services/training-and-technical-certification>

or contact Forcepoint Technical Learning Services at learn@forcepoint.com