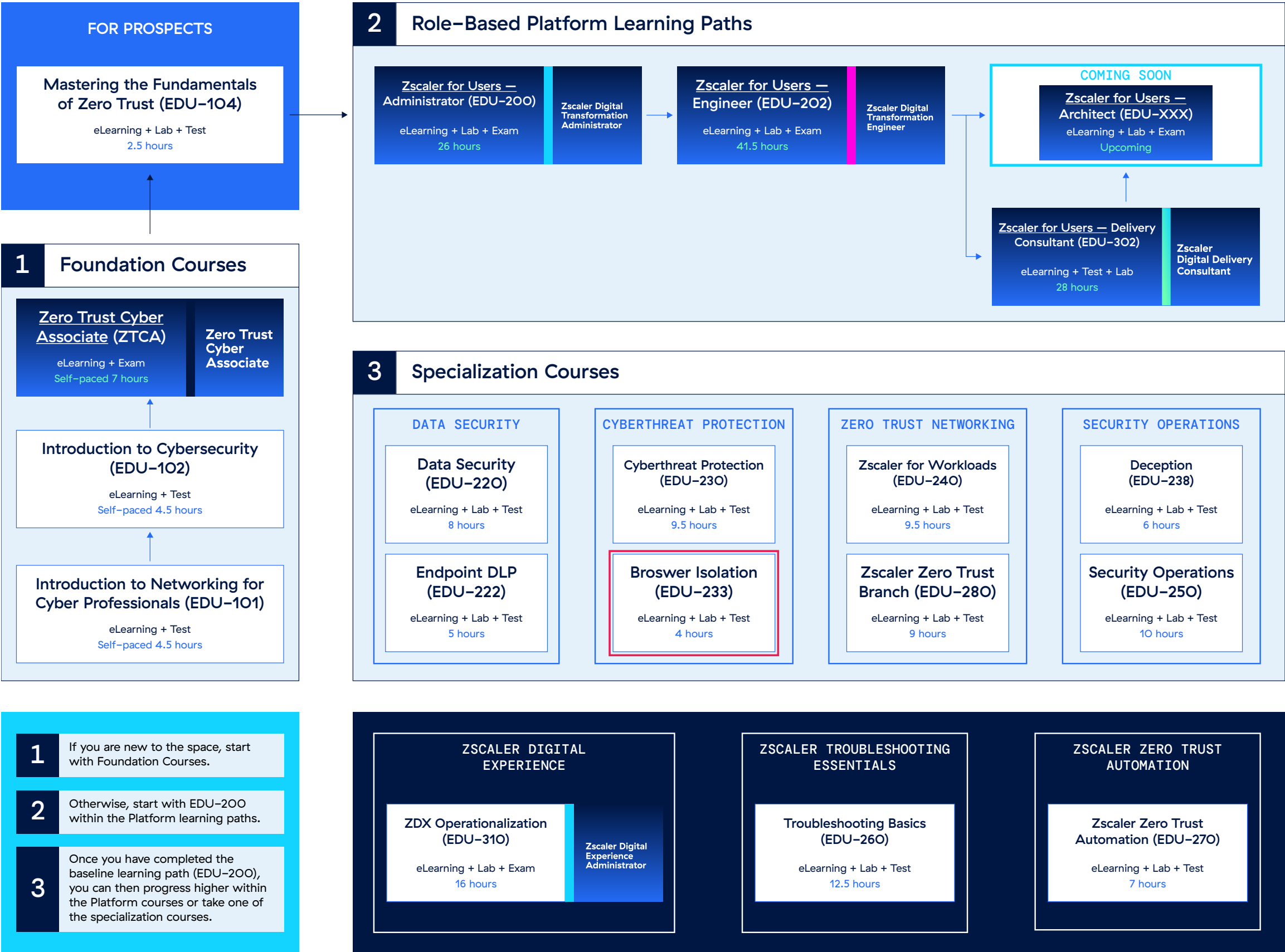


Zscaler Cyber Academy

Browser Isolation (EDU-233)

COURSE OUTLINE

Zscaler Cyber Academy Catalog



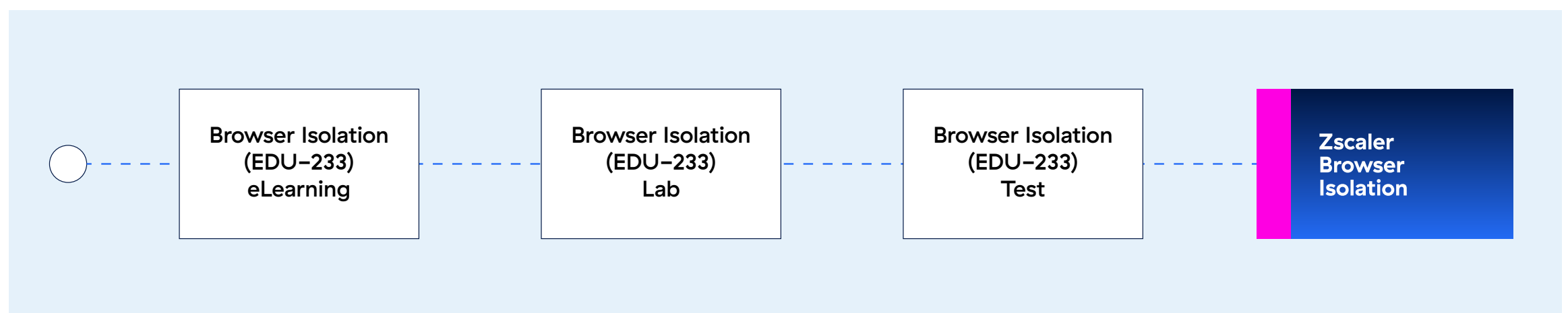


EDU-233 Learning Journey Map

The recommended path for the Browser Isolation learning journey is to complete the e-learning course and then take the hands-on labs. Once these are completed, you can sign up for the test. You will have 45 minutes to answer its 20 questions, with 3 re-tests. Upon passing the test, you'll earn the Browser Isolation completion certificate.

OUR LEARNING PATH

Browser Isolation (EDU-233) Learning Path



LEARNING OUTCOMES

Once you complete this course, you will be able to:

- Identify modern-day cybersecurity and data loss challenges
- Understand how Browser Isolation helps enhance protection and boost productivity
- Describe Browser Isolation and its key features
- List the cyberthreat and data loss protection use cases Browser Isolation addresses
- Describe how to configure the isolation profiles and policies in ZIA and ZPA
- Explain how User Portal 2.0 secures web-based access to SaaS and private applications for BYOD/unmanaged endpoints
- Identify the isolation browser experience for ZIA and ZPA users



eLearning Details

Prerequisites	Security Architect, Information Protection Analyst/Engineer/ Architect, Risk & Compliance Analyst, IT/Security/Network Operator
Proficiency	Intermediate
Description	The Browser Isolation (EDU-233) course offers a comprehensive exploration of Browser Isolation technology. Throughout this course, you will acquire a deep understanding of how Browser Isolation facilitates secure isolated access to potentially harmful internet content, ensuring the utmost protection for managed devices and networks. Additionally, the course delves into the ways in which Browser Isolation effectively safeguards against various threats and enables secure access to sanctioned SaaS and private web applications from unmanaged devices.
Duration	3 hours
Type	Self-paced
Completion criteria	Complete the eLearning and Exam
Available language(s)	English
Price per set	Free

eLearning Outline

Topics	Sub Topic
Current State of Cyberthreats and Data Leaks	<ul style="list-style-type: none">Security challenges posed by cyberthreats and data leaksWhy Browser Isolation is neededEnhancing protection and boosting productivityBrowser Isolation use cases
Browser Isolation Overview	<ul style="list-style-type: none">What is Browser Isolation?Cloud Browser Isolation



Topics	Sub Topic
Browser Isolation for Cyberthreat Protection	<ul style="list-style-type: none">• Protection from cyberthreats• Zscaler Browser Isolation is uniquely integrated into the Zscaler Zero Trust Exchange• Binary policies risk being overly permissive or overly restrictive• Isolate risky internet content to maintain security and productivity• Identifying suspicious domains• Safe document rendering and Active Content Disarm• Dynamically mitigate business risk by isolating risky users and devices• Introducing dynamic, risk-based policy• Boost user and admin productivity
Browser Isolation for Data Protection	<ul style="list-style-type: none">• Browser Isolation: Protecting the data• Protect against data loss in common business scenarios• VDI-like controls with Browser Isolation and PRA• Unmanaged SaaS and private web app access• Reducing VDI dependency
Isolation Profiles and Features of Browser Isolation	<ul style="list-style-type: none">• Isolation profile: What to know• Configuring isolation profiles• Custom branded banners• Security and data protection controls• Key security control features• Session debug mode• Expanded native file type rendering in isolation• Expanded file type rendering in isolation• Cookie persistence• Office file rendering and conversion to PDF• Printing from isolation• Clipboard and file transfer control• Custom CA certificates• Watermarking• Level 3 CDR — integration with Votiro• Application deep linking• Turbo mode



Topics	Sub Topic
Configuring Browser Isolation on ZIA for Threat Protection	<ul style="list-style-type: none">• Enhancing cybersecurity using Browser Isolation• Granular policy control• Fully integrated cloud Browser Isolation with ZIA• Traffic flow and integration• Policy enforcement on ZIA Service Edge for isolated traffic• Sandbox integration with isolation• Configuring isolation policies• Browser Isolation logging takes place in ZIA/ZPA• Browser Isolation dashboard (ZIA interactive reports)
Configuring Browser Isolation on ZPA for Data Protection	<ul style="list-style-type: none">• Secure agentless access to apps for BYOD and B2B• Isolating private web applications• Isolating SaaS web applications• The end-to-end flow• Designing the IdP conditional policies• ZPA isolation profile configuration• Unmanaged SaaS access• Browser Isolation with ZPA
Browser Isolation End User Experience	<ul style="list-style-type: none">• The two isolation experience modes• Isolation session overview• Mobile user experience

Hands-On Lab Details

Prerequisites	Browser Isolation (EDU-233) — eLearning
Proficiency	Intermediate
Description	The Browser Isolation (EDU-233) lab allows students to practice the skills they learned in the e-learning portion. Students will gain in-depth understanding of Zscaler Browser Isolation functionality, its use cases, and the range of security controls it can be used to enforce.
Duration	1.5 hours
Type	Self-paced hands-on lab
Completion criteria	Complete all lab exercises
Available language(s)	English
Price per seat	\$300 (1 credit)



Lab Outline

Task	Sub Task
Lab 1: Securing Access to Internet	<ul style="list-style-type: none">• Review SSL inspection policy and verify SSL decryption
Lab 2: Managing Browser Isolation Basics	<ul style="list-style-type: none">• Create isolation profiles
Lab 3: Managing One-Click Smart Browser Isolation	<ul style="list-style-type: none">• Configure smart Browser Isolation• Test smart Browser Isolation
Lab 4: Using Isolate Action in URL Filtering Policies	<ul style="list-style-type: none">• Configure URL filtering policies with Isolate as action• Test Isolate as an action in URL Filtering policies
Lab 5: Using Isolate Action in Cloud Application Control Policies	<ul style="list-style-type: none">• Configure Cloud App Control policies with Isolate as action• Test Isolate as an action in Cloud App Control policies
Lab 6: Inspecting Cloud Browser Isolation Logs	<ul style="list-style-type: none">• Review log details
Lab 7: Applying Document Isolation Controls	<ul style="list-style-type: none">• Enable document viewing and security controls for your isolation profile• Test document viewing in isolation
Lab 8: Protecting against potential zero day threats with document file isolation + cloud sandbox	<ul style="list-style-type: none">• Enable cloud sandbox + isolation• Test the configuration
Lab 9: Managing Browser-In-Browser Isolation Experience	<ul style="list-style-type: none">• Enable browser-in-browser for your isolation profile• Test the configuration
Lab 10: Securing Access to SaaS Applications from BYO/Unmanaged Devices — User Portal 2.0 (Data Protection) using ZPA	<ul style="list-style-type: none">• Create isolation profile and enable internet traffic forwarding via ZIA• Add SaaS application in application segment• Create access and isolation policies• Publish M365 link to the user portal• Create DNS configuration (CNAME records)• Configure identity provider (IdP) conditional access
Lab 11: Securing Access to Private Applications from Unmanaged Devices — ZPA Isolation (Data Protection)	<ul style="list-style-type: none">• Configure isolation policies in ZPA• Test isolation policies to isolate private applications

Certificate Exam Details

Prerequisites	Browser Isolation (EDU-233) Lab
Duration	45 minutes
Test format	20 multiple-choice questions
Available language(s)	English

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange™ platform protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SSE-based Zero Trust Exchange™ is the world's largest in-line cloud security platform. Learn more at [zscaler.com](https://www.zscaler.com) or follow us on Twitter [@zscaler](https://twitter.com/zscaler).

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