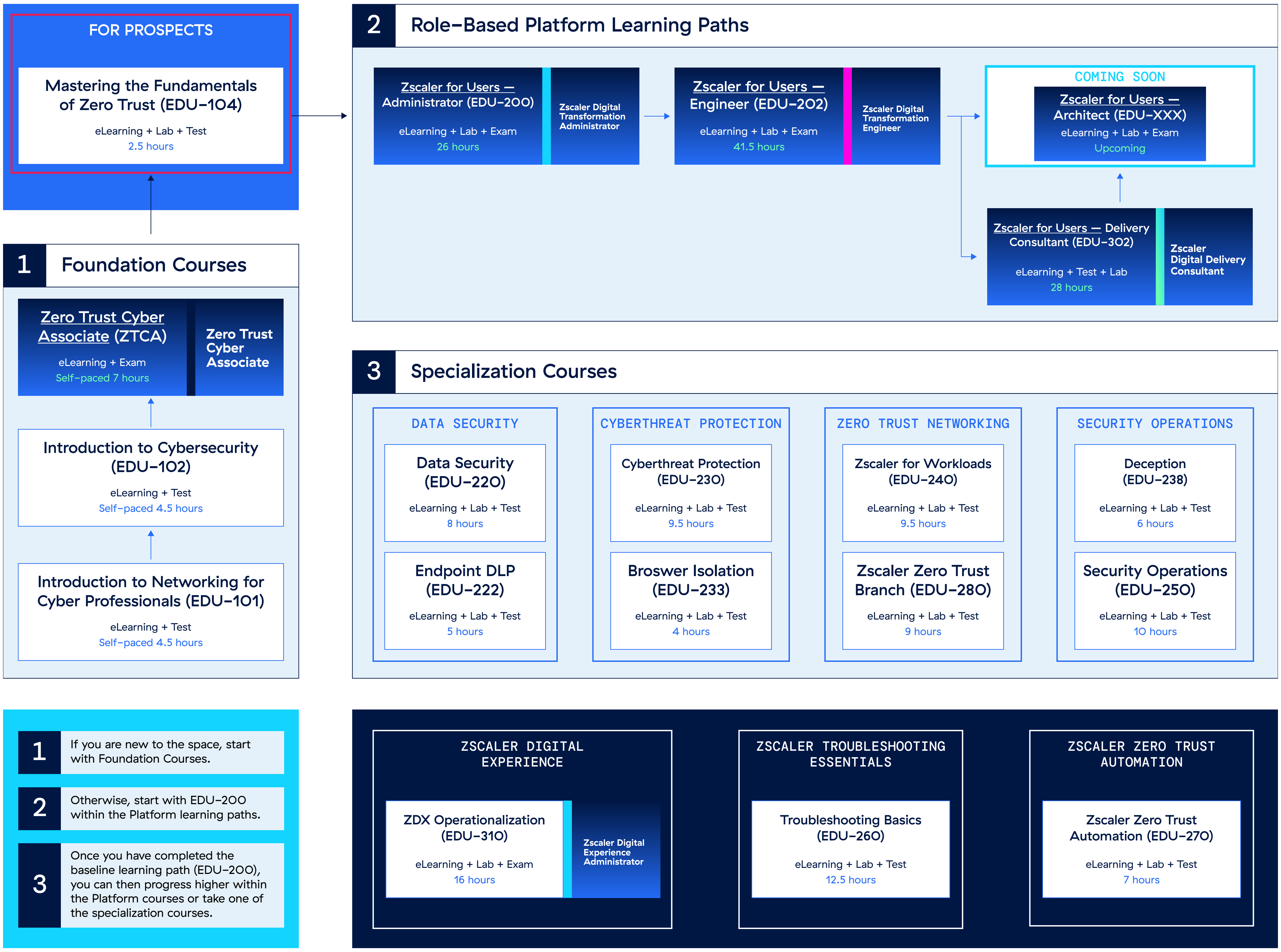
Zscaler Cyber Academy

Mastering the Fundamentals of Zero Trust (EDU-104)

COURSE OUTLINE

Zscaler Cyber Academy Catalog



FOR PROSPECTS

Mastering the Fundamentals of Zero Trust (EDU-104)
eLearning + Lab + Test
2.5 hours

1 Foundation Courses

Zero Trust Cyber Associate (ZTCA)
eLearning + Exam
Self-paced 7 hours
Zero Trust Cyber Associate

Introduction to Cybersecurity (EDU-102)
eLearning + Test
Self-paced 4.5 hours

Introduction to Networking for Cyber Professionals (EDU-101)
eLearning + Test
Self-paced 4.5 hours

2 Role-Based Platform Learning Paths

Zscaler for Users – Administrator (EDU-200)
eLearning + Lab + Exam
26 hours
Zscaler Digital Transformation Administrator

Zscaler for Users – Engineer (EDU-202)
eLearning + Lab + Exam
41.5 hours
Zscaler Digital Transformation Engineer

COMING SOON
Zscaler for Users – Architect (EDU-XXX)
eLearning + Lab + Exam
Upcoming

Zscaler for Users – Delivery Consultant (EDU-302)
eLearning + Test + Lab
28 hours
Zscaler Digital Delivery Consultant

3 Specialization Courses

DATA SECURITY

Data Security (EDU-220)
eLearning + Lab + Test
8 hours

Endpoint DLP (EDU-222)
eLearning + Lab + Test
5 hours

CYBERTHREAT PROTECTION

Cyberthreat Protection (EDU-230)
eLearning + Lab + Test
9.5 hours

Broswer Isolation (EDU-233)
eLearning + Lab + Test
4 hours

ZERO TRUST NETWORKING

Zscaler for Workloads (EDU-240)
eLearning + Lab + Test
9.5 hours

Zscaler Zero Trust Branch (EDU-280)
eLearning + Lab + Test
9 hours

SECURITY OPERATIONS

Deception (EDU-238)
eLearning + Lab + Test
6 hours

Security Operations (EDU-250)
eLearning + Lab + Test
10 hours

1 If you are new to the space, start with Foundation Courses.

2 Otherwise, start with EDU-200 within the Platform learning paths.

3 Once you have completed the baseline learning path (EDU-200), you can then progress higher within the Platform courses or take one of the specialization courses.

ZSCALER DIGITAL EXPERIENCE

ZDX Operationalization (EDU-310)
eLearning + Lab + Exam
16 hours
Zscaler Digital Experience Administrator

ZSCALER TROUBLESHOOTING ESSENTIALS

Troubleshooting Basics (EDU-260)
eLearning + Lab + Test
12.5 hours

ZSCALER ZERO TRUST AUTOMATION

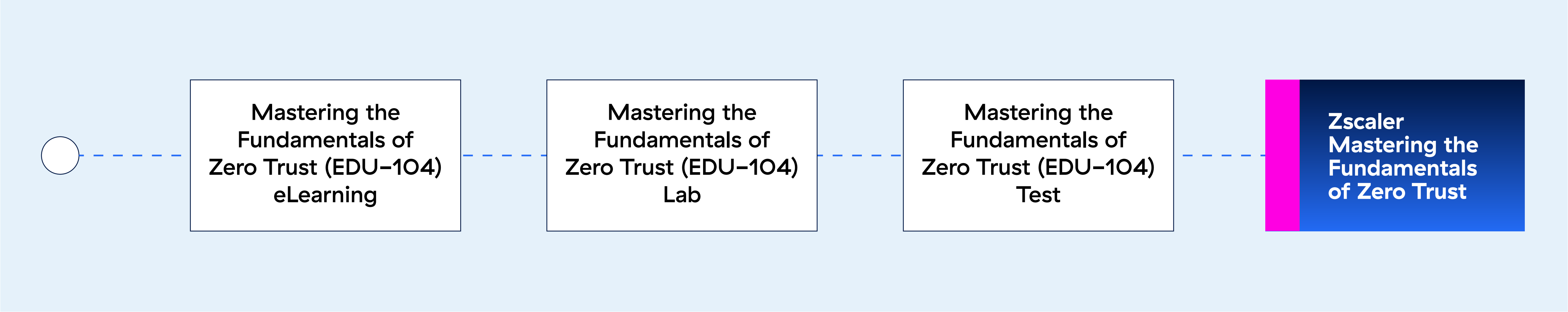
Zscaler Zero Trust Automation (EDU-270)
eLearning + Lab + Test
7 hours

EDU-104 Learning Journey Map

The recommended path for the Mastering the Fundamentals of Zero Trust 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 certificate test. You will have 20 minutes to answer its 10 questions, with 3 re-tests. Upon passing the test, you'll earn the Mastering the Fundamentals of Zero Trust Certificate.

OUR LEARNING PATH

Mastering the Fundamentals of Zero Trust (EDU-104) Learning Path



Mastering the Fundamentals of Zero Trust (EDU-104) eLearning

Mastering the Fundamentals of Zero Trust (EDU-104) Lab

Mastering the Fundamentals of Zero Trust (EDU-104) Test

Zscaler Mastering the Fundamentals of Zero Trust

LEARNING OUTCOMES

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

- Explain Zscaler's vision and mission, and Zero Trust core principles
- Discuss the Zscaler platform, its key functionalities, and solutions
- Explain real-world business use cases of how Zscaler fits in with its solutions
- Differentiate the Zero Trust Architecture from the traditional legacy architecture
- Provide an overview of the Zscaler platform architecture
- Explore the Zscaler product user interface
- Navigate through the Zscaler user interface to view policy configuration / setup
- Identify common use cases for Zero Trust of Zscaler Solutions

eLearning Details

Prerequisites	None
Proficiency	Beginner
Description	This course will give you an overview of the core principles of zero trust. It will take you through the Zscaler zero trust architecture and the core solutions Zscaler offers. You will also explore use cases to help you connect to common issues and the available Zscaler solutions.
Duration	1 hour
Type	Self-paced
Completion criteria	Complete the eLearning
Available language(s)	English
Price per set	Free

eLearning Outline

Topics	Sub Topic
Zscaler Vision and Mission	• Zscaler’s role in modernizing security • Evolution of traditional network security vs cloud-based security • Why legacy VPNs and Firewalls are insufficient
Zscaler platform and key functionality	• What do we secure? • Workforce • Workloads • IoT/OT • B2B • How do we secure? • Cyberthreat Protection • Data Protection • Zero Trust Networking • Risk Management
Introduction to User Interface (Zidentity)	• Trust Portal • ZIdentity Administration • Workflow Automation • Zscaler Private Access • Business Insights • Zscaler Cloud and Branch Connector • Zscaler Client Connector • Zscaler Digital Experience • Zscaler Internet Access
Business use cases for Zscaler	• Securing hybrid workforces • Securing Workloads • Securing OT and IoT • Securing B2B Access
Zero Trust Architecture	• What is Zero Trust? • What is Zero Trust Architecture? • Core Principles of the Zero Trust Model

Topics	Sub Topic
Zscaler Platform Architecture Overview	• Introduction to Zscaler Zero Trust Architecture • Verify Identity and Attributes • Control Content and Context • Per-session Decision and Policy Enforcement • Three Components of Multi-tenant architecture: • Central Authority = The Brains, where policy definitions are created and applied • Enforcement Nodes & Brokers = The Engines, where policies are enforced • Logging Services = The Memory
Cyberthreat Protection Use Cases	• Stop Ransomware Attacks • Protect against supply chain attacks • Mitigate Insider Threats
Data Protection Use Cases	• Prevent Web and Email Data Loss • Secure Endpoint Data • Secure the Use of Gen AI Apps • Secure BYOD (without VDI or 3rd Party Enterprise Browsers) • Zscaler Workflow Automation embedded in the Data Protection Platform
Zero Trust Networking Use Case	• VPN Alternative • VDI Alternative – Third-Party Access / B2B • ZPA for Zero Trust On-Premise • Minimize Attack Surface with Segmentation • Accelerate M&A and Divestitures • ZDX: • Improve UCaaS Monitoring • Reduce Spend on monitoring and Increase Productivity
Risk Management Use Cases	• Powerful quantification with clear risk scoring • Intuitive risk visuals & board-ready reporting • Financial exposure reporting • Intelligently Manage SaaS Spend • Optimize Office Utilization

Hands-On Lab Details

Prerequisites	Mastering the Fundamentals of Zero Trust (EDU-104) self paced e-learning course
Proficiency	Beginner
Description	Practice what you learned in training using our remote lab. You will complete several labs designed to increase proficiency in configuring connectivity to the Zero Trust Exchange, configuring policy to allow / deny access through the Zero Trust Exchange, and using the administration interfaces to understand traffic patterns.
Duration	1 hour
Type	Self-paced hands-on lab
Completion criteria	Complete all hands-on labs
Available language(s)	English
Price per set	US $300 (1 credit)

Lab Outline

Task	Sub Task
Minimize the Attack Surface	• Explore the Malware Protection Policy • Analyze URL Filtering Policy • Analyze Automated Workflows • Analyze Administration Control
Prevent Compromise	• Check Ransomware Risk Posture • Understand Organizational Risk Scores and Identify High-Risk Users • Explore and Analyze Browser Access • Analyze Risk Using the MITRE ATT&CK Framework
Prevent Lateral Movement	• View the Gen AI Security Report • View Identity Risk Summary • View How Risk by Financial Exposure Is Reduced • View the Deception alert

Stop Data Loss	• Analyze Endpoint Data Loss Prevention (DLP) • Explore the Posture Management • View ZDX Performance Dashboard • View Visibility for All SaaS Applications, Including AI & ML-Based Apps

Certificate Details

Prerequisites	Mastering the Fundamentals of Zero Trust Lab
Duration	20 minutes
Test format	10 multiple-choice questions
Available language(s)	English
Price per set	US $300 (1 credit)

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** or follow us on Twitter **@zscaler**.

zscaler™

Zero Trust Everywhere