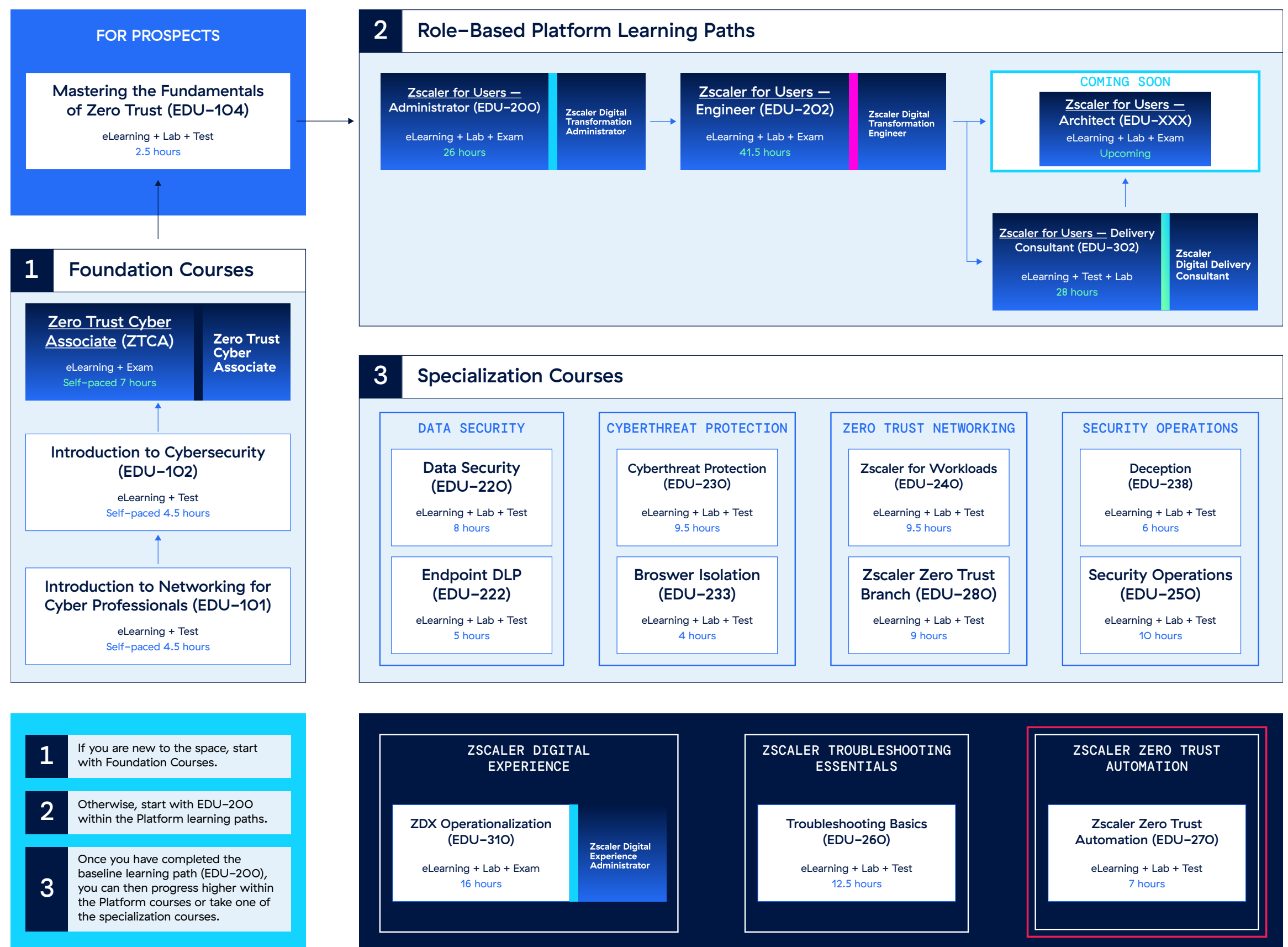


Zscaler Cyber Academy Catalog

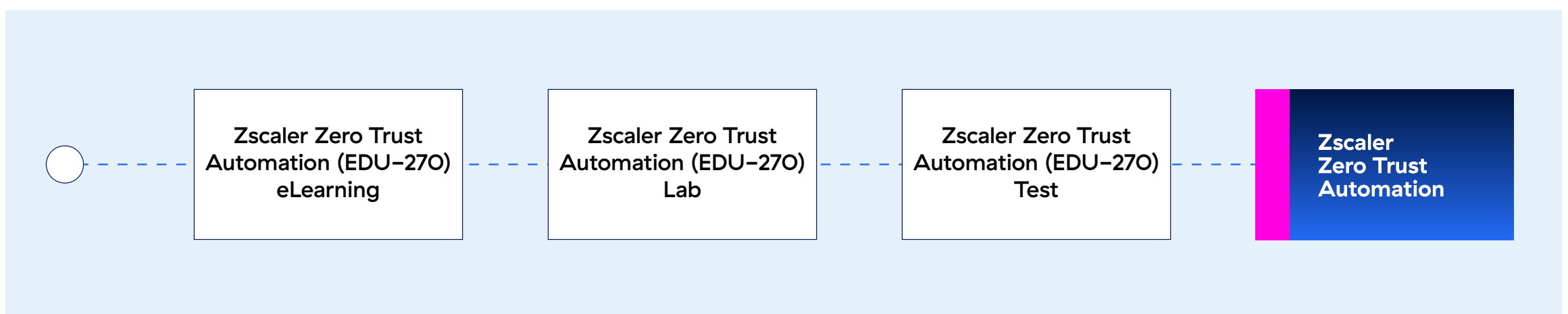


EDU-270 Learning Journey Map

The recommended path for the Zscaler Zero Trust Automation 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 30 minutes to answer its 15 questions, with 3 re-tests. Upon passing the test, you'll earn the Zscaler Zero Trust Automation Certificate.

OUR LEARNING PATH

Zscaler Zero Trust Automation (EDU-270) Learning Path



LEARNING OUTCOMES

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

- Understand the basic concepts of APIs
- Discuss Zscaler APIs using ZIA, ZPA, ZDX, and Zscaler Client Connector endpoints
- Describe ZIdentity, including its authentication and provisioning workflow
- Explain the role and importance of OneAPI within the Zscaler Automation Framework
- Configure OneAPI using Postman for various Zscaler services
- Describe the architecture and workflow of OneAPI within Zscaler Zero Trust Automation
- Identify common use cases for Zero Trust Automation
- Discuss the necessary troubleshooting steps and best practices for using OneAPI



eLearning Details

Prerequisites	Basic knowledge of Python, APIs, RESTful APIs, Postman, Zscaler APIs
Proficiency	Intermediate
Description	In this course, you will explore the critical aspects of APIs, significant role of Zscaler legacy APIs, overview of Zscaler Zero Trust Automation, and key features of ZIdentity. You will delve into the architecture and framework of Zscaler Zero Trust automation. You will also gain insights into common use cases, troubleshooting steps, and best practices for automation using OneAPI collection.
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
Introduction to APIs	<ul style="list-style-type: none">• What is an API?• RESTful APIs• Types of APIs
Zscaler APIs	<ul style="list-style-type: none">• ZIA APIs• ZPA APIs• ZDX APIs• Zscaler Client Connector APIs• Zscaler Branch/Cloud Connector APIs
ZIdentity Fundamentals	<ul style="list-style-type: none">• Why ZIdentity is Required?• What is ZIdentity?• Authentication and Provisioning in ZIdentity• Accessing OneAPI



Topics	Sub Topic
OneAPI Overview	<ul style="list-style-type: none">• Traditional Automation Framework: Challenges• Solution: Zscaler Zero Trust Automation• What is OneAPI?• Why OneAPI is Required?• Key Benefits of OneAPI• OneAPI Workflow
Explore OneAPI in Detail	<ul style="list-style-type: none">• API Client• Editing/Deleting an API Client• API Resources• Access Tokens• Configuring OneAPI Using Postman
Zscaler Zero Trust Automation Architecture & Framework	<ul style="list-style-type: none">• Zscaler API Architecture and Access• Traditional Zscaler Automation Framework: Workflow• Zscaler Zero Trust Automation Framework
Common Use Cases for Zscaler Zero Trust Automation	<ul style="list-style-type: none">• Use Case: Zscaler Internet Access• Use Case: Zscaler Private Access• Use Case: Zscaler Client Connector
Basic Troubleshooting	<ul style="list-style-type: none">• API Response Codes and Error Messages• Rate Limiting
Best Practices	<ul style="list-style-type: none">• Secure API Usage• Enhancing Scalability• Deployment Methodologies• Error Codes• Rate Limiting



Hands-On Lab Details

Prerequisites	Zscaler Zero Trust Automation (EDU-270) — eLearning
Proficiency	Intermediate
Duration	4 hours
Type	Instructor-led hands-on lab
Completion criteria	Complete all lab exercises
Available language(s)	English
Price per seat	\$300 (600 credits)

Lab Outline

Task	Sub Task
Lab O: Getting Started	<ul style="list-style-type: none"> • Creating Client Credentials • Getting Started With Postman • Signing Into Postman — Corp Win Svr 2016 • Getting Started With Postman Collections • Understanding Postman Teams & Workspaces • Cloning Your First Postman Flow • Setting Postman Flow Environments • Access Token Using Postman Flows • Viewing Postman Requests from Flows • Your First Zscaler Automation Flow
Lab 1: SSL Inspection Rules Creation Using ZIA Public APIs	<ul style="list-style-type: none"> • Validation Before Automating SSL Inspection Policy • Configuring SSL Inspection Policy Using OneAPI • SSL Inspection Policy • Validation After Automating SSL Inspection Rule
Lab 2: Bulk Update of the URLs Under a URL Category	<ul style="list-style-type: none"> • Updating URLs Under a URL Category • Validation Before Automating URL Category • Bulk Update Using ZIA APIs • Validation After Automating Bulk URL Category
Lab 3: Firewall Filtering Policies Creation Using ZIA Public APIs	<ul style="list-style-type: none"> • Firewall Filtering Rule • Validation Before Automating Firewall Filtering Policy • Creating Firewall Rules Using ZIA APIs • Validation After Automating Firewall Policy

Task	Sub Task
Lab 4: App Segment and Access Policy Creation Using ZPA	<ul style="list-style-type: none"> • App Segment in ZPA • Access Policy in ZPA • Validation Before Creating Segments • Validation Before Creating Access Policy • Creation Using ZPA APIs • Validation After Automating
Lab 5: ZDX Diagnostics	<ul style="list-style-type: none"> • Diagnostics Overview • Validation of Session Prior to Automation • Initiating Diagnostics Session Using ZDX APIs • Validation After Automation
Lab 6: Tenant Mirroring	<ul style="list-style-type: none"> • Validate Existing Rules in Master Tenant • Clone ZIA and ZPA Policies Using OneAPI
Lab 7: Upgrading the Z-Tunnel from 1.0 to 2.0 (HTTP/HTTPS to DTLS/TLS)	<ul style="list-style-type: none"> • Editing Forwarding Profile • Validation Before Upgrading • Upgrading Tunnel Using ZCC Public API • Validation After Automation Using ZIA Portal
Lab 8: Cloud Connector Baseline Configuration	<ul style="list-style-type: none"> • Template Provisioning • Validation Before Automating Template Provisioning • Baseline Configuration • Validation After Automating Template Provisioning

Certificate Exam Details

Prerequisites	Zscaler Zero Trust Automation (EDU-270) lab
Duration	30 minutes
Test format	15 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 or follow us on Twitter @zscaler.

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**Zero Trust
Everywhere**