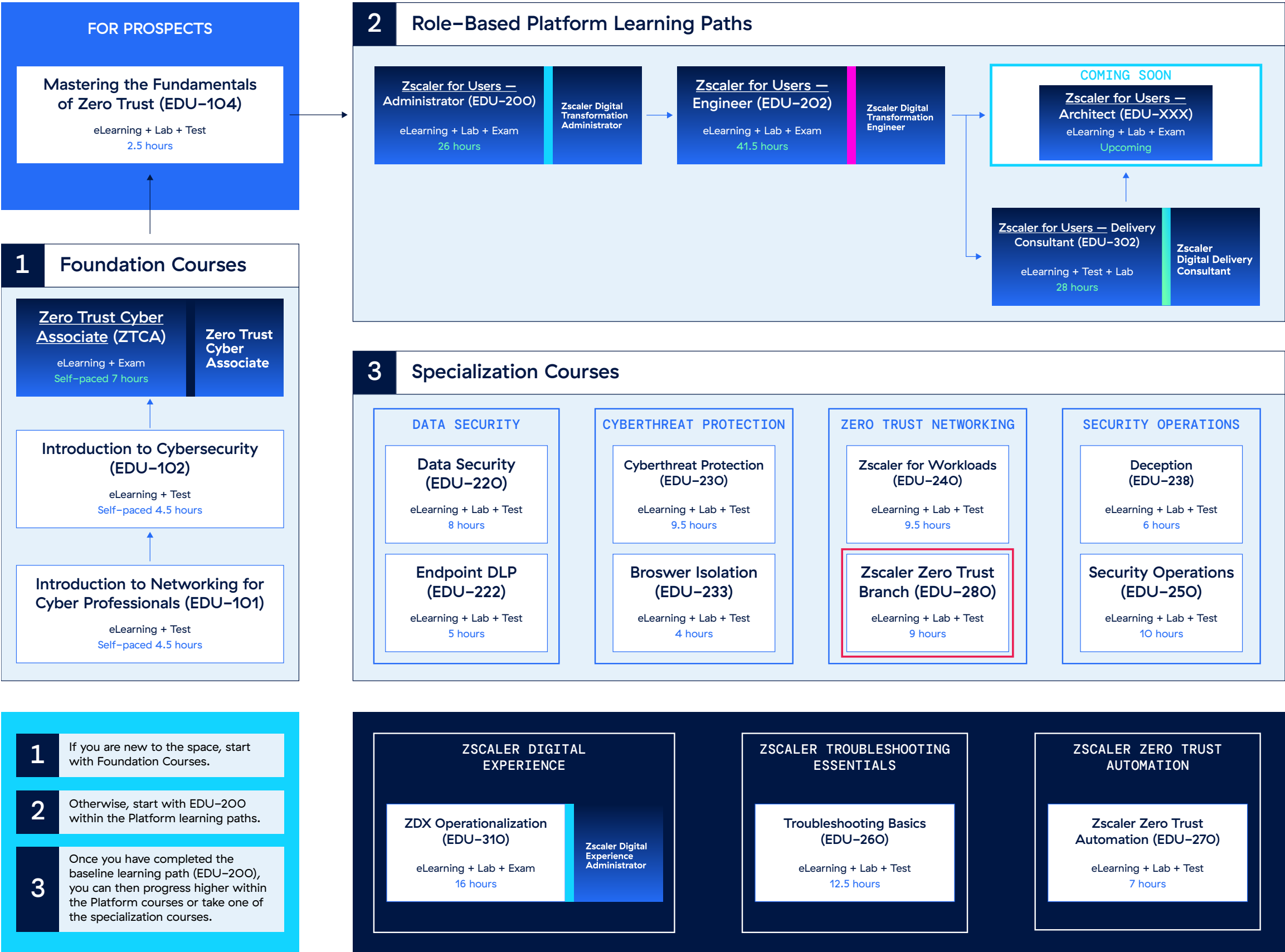


Zscaler Cyber Academy

Zscaler Zero Trust Branch (EDU-280)

COURSE OUTLINE

Zscaler Cyber Academy Catalog



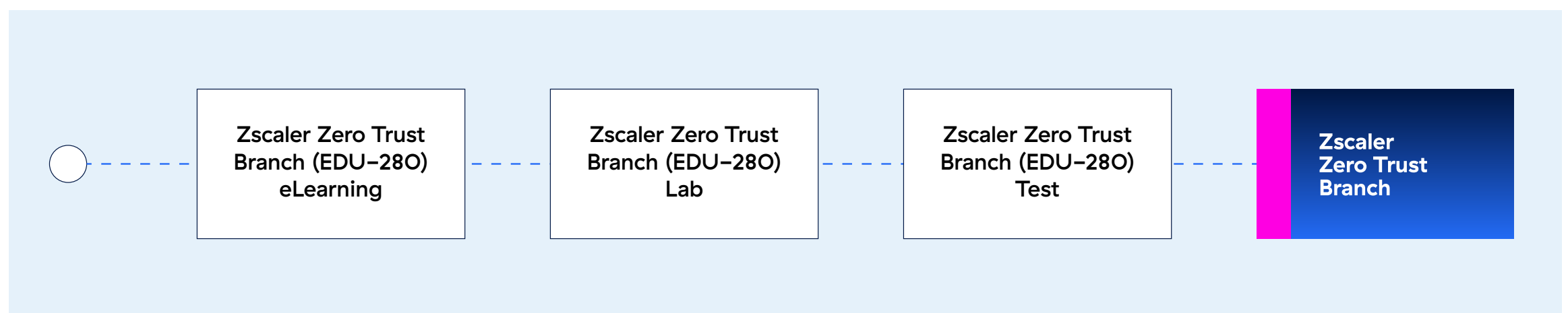


EDU-280 Learning Journey Map

The recommended path for the Zscaler Zero Trust Branch 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 20 questions, 3 re-tests. Upon passing the test, you'll earn the Zscaler Zero Trust Branch Certificate.

OUR LEARNING PATH

Zscaler Zero Trust Branch (EDU-280) Learning Path



LEARNING OUTCOMES

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

- Identify the challenges traditional network security solutions face in enabling secure north-south and east-west communication
- Explore the key features and benefits of agentless Zero Trust Branch built on the SASE framework
- Describe the platform architecture of Zscaler Zero Trust Branch and its role in secure connectivity
- Gain proficiency in configuring, deploying, and managing Zscaler Zero Trust Branch for seamless communication across endpoints
- Understand traffic isolation, device segmentation, and lateral movement prevention within a network
- Acquire the skills to securely connect sites, data centers, IoT/OT devices, and cloud providers using Zero Trust Branch
- Explore how Zscaler Privileged Remote Access (PRA) secures privileged access to critical systems using zero trust principles
- Explore the analysis and monitoring tools available for Zero Trust Branch performance and optimization



eLearning Details

Prerequisites	None
Proficiency	Intermediate
Description	<p>This course explores how Zscaler Zero Trust Branch revolutionizes branch connectivity by eliminating the need for multiple devices like routers, firewalls, and VPNs. Furthermore, it also explores how Zscaler Zero Trust Branch can securely connect branches, factories, and data centers while extending zero trust security to servers and IoT/OT devices in any location. Finally, Zscaler Privileged Remote Access (PRA) course delves into how you can seamlessly secure connections to critical systems while enhancing productivity and agility in managing privileged access.</p>
Duration	5 hours
Type	Self-paced
Completion criteria	Complete the eLearning
Available language(s)	English
Price per set	Free



eLearning Outline

Topics	Sub Topic	
Zero Trust Branch: Securing External Communication	Module Overview	Introduction
	SD-WAN Overview	Traditional SD-WAN Overview
		Zero Trust SASE Solution
	Branch Connector: Overview and Functionality	Zero Trust Platform Architecture
		Zero Trust Device Administration
		Navigating Traffic Forwarding
	Branch Connector: Deployment Management	Deploy Zero Trust Branch Devices
		Analytics and Monitoring
Zero Trust Branch: Securing Internal Communication	The Need for Zero Trust Segmentation	
	Real-World Use Cases	
	Architecture Components	
	Provisioning	
	Administration	
	Analytics and Monitoring	
Zscaler Privileged Remote Access	Zscaler PRA	
	Technical Exploration of Zscaler PRA	
	Analytics and Monitoring	
	Privileged Remote Access — Demo	



Hands-On Lab Details

Prerequisites	Zero Trust Branch (EDU-280) — eLearning
Proficiency	Intermediate
Duration	4 hours
Type	Instructor-led hands-on lab
Completion criteria	Complete Lab 1 to 7
Available language(s)	English
Price per set	US \$600 (2 credits)

Lab Outline

Task	Sub Task
Lab 1: Zero Trust Branch Device Interface Configuration	<ul style="list-style-type: none">1.1: Edit the Sites Configuration1.2: Configure LAN (GE2) Details1.3: Configure LAN (GE3) Details1.4: Configure WAN (GE6) Details
Lab 2: Securing Internal Communication (Inter-VLAN Traffic Filtering)	<ul style="list-style-type: none">2.1: Verify Default Inter-VLAN Traffic2.2: Apply Zero Trust Branch Segmentation Policies
Lab 3: Configuring Policy-Based Routing (PBR) Policies	<ul style="list-style-type: none">3.1: Validate traffic before configuring the policy3.2: Configure PBR Policy for Sending Traffic via ZIA-IPSec3.3: Configure PBR for Direct ICMP Traffic3.4: Validate traffic after configuring the policy
Lab 4: Microsegmentation	<ul style="list-style-type: none">4.1: Validate Microsegmentation for OT endpoint4.2: Block connectivity between OT endpoints4.3: Validate the blocked connectivity between OT endpoints
Lab 5: Validating Securing Internal and External Communication Policies	<ul style="list-style-type: none">5.1: Validate Ubuntu-VLAN 30 Host – OT Device5.2: Validate Ubuntu-VLAN 20 Host – IoT Device5.3: Validate Windows-VLAN 1 VM5.4: Validate Windows-VLAN 10 Server5.5: Remote Desktop into Windows Server via ZPA

Task	Sub Task
Lab 6: Monitoring and Logs	<ul style="list-style-type: none">6.1: View Packet Logs6.2: View Flow Logs6.3: View Alerts6.4: View VWeb Logs Using ZIA Admin Portal6.5: CrowdStrike and Armis Integration
Lab 7: Troubleshooting and Debugging	<ul style="list-style-type: none">7.1: Analyze and manage network interfaces7.2: Networking and systems diagnostics
Lab 8: Configuring Ransomware Kill Switch Policy (Optional)	<ul style="list-style-type: none">8.1: Configure Allow SSH Policy8.2: Configure Block SSH Policy8.3: Validate Ransomware Kill Switch in action

Certificate Exam Details

Prerequisites	Zero Trust Branch (EDU-280) Hands-on lab
Duration	30 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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**Zero Trust
Everywhere**