≡ ılıılı DevNet Associate [v1.0]
   CISCO

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Introduction

5.0.1

Why Should I Take this Module? 🔖

As a NetAcad student, you may already be well-versed in network operations. If you have been paying attention to the changing world of networks, then more of your time recently may have been spent learning about coding. If so, good for you! You might need this module to refresh your memory about network fundamentals.

Why does a developer need to know about the network that all application traffic goes through and on and between? Why does a network engineer who is already familiar with intricate details and architecture decisions for network traffic need to know about application development? One without the other doesn't quite get the job done, when the job is about managing and deploying applications at scale while meeting performance requirements and expectations. Let's lay the network foundation and study beyond the basics.

5.0.2

What Will I Learn to Do in this Module? 🔖

Module Title: Network Fundamentals

Module Objective: Apply the processes and devices that support network connectivity.

Topic Title	Topic Objective
Introduction to Network Fundamentals	Explain basic network terms and processes.
Network Interface Layer	Explain the features and functions of the OSI network layer.
Internetwork Layer	Explain the features and functions of the OSI internetwork layer.
Network Devices	Explain the features and functions of common network devices.

Topic Title	Topic Objective
Networking Protocols	Explain common networking protocols.
Troubleshooting Application Connectivity Issues	Troubleshoot basic network connectivity.