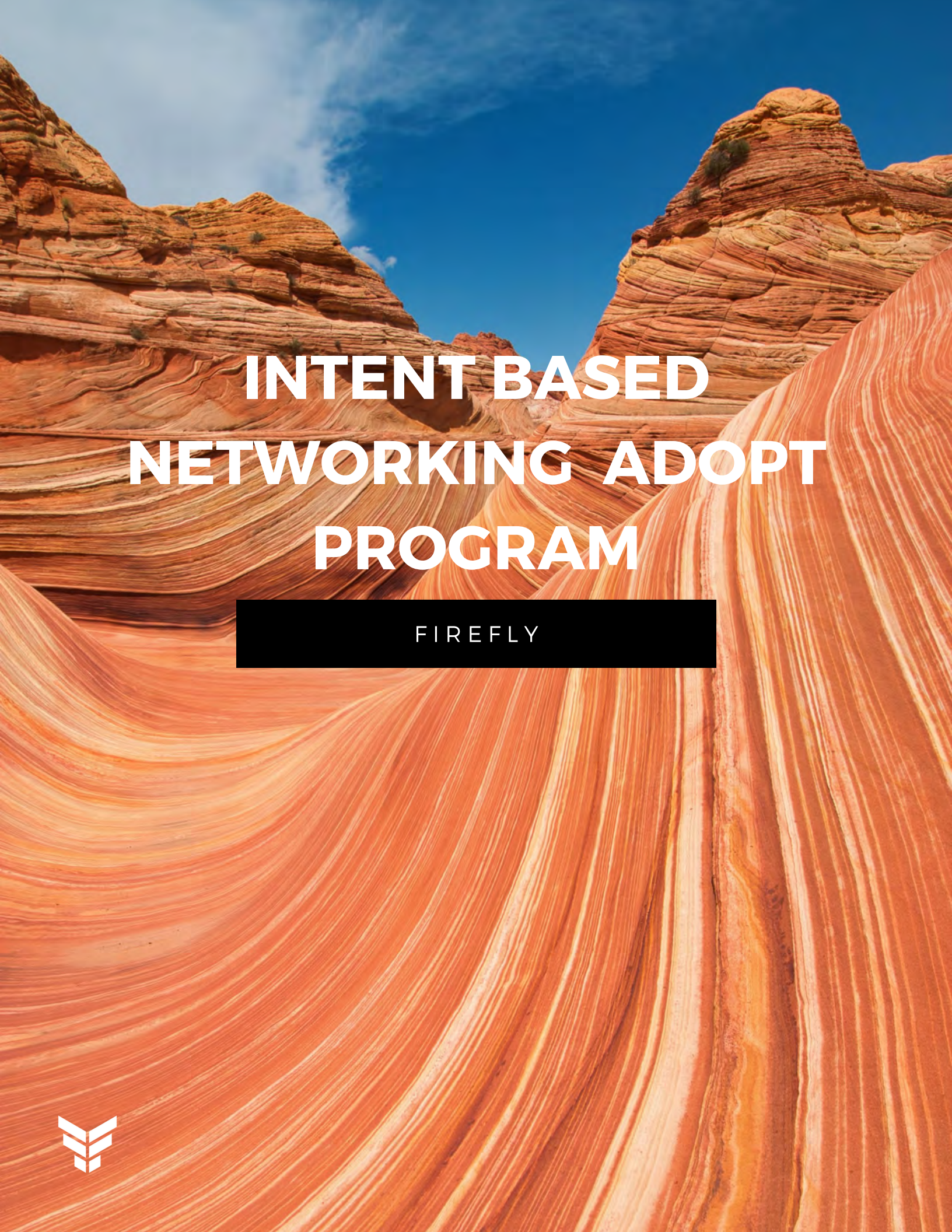

INTENT BASED NETWORKING ADOPT PROGRAM

FIREFLY

INTENT BASED NETWORKING

ADOPT FOR ACI, ISE, DNA, SDA

FIREFLY

Firefly's Adopt Program is the world's most innovative way for engineers to acquire and develop skills and practical know-how. Built as a series of short 4-hour sessions that run throughout the year, the Adopt Program is a very powerful way to gain skills when you need them, in a format that works!

FIREFLY'S ADOPT PROGRAM

Purchase the Firefly Adopt Program, and gain 12-months access to virtual live engineer-led sessions, self paced recordings, self-paced labs, and office hours.

- Weekly Virtual Live Engineer-Led Sessions
- Self-Paced Labs For Practical Experience
- Self-Paced Library of Recordings
- Weekly Office Hours - Time With Our Experts

INTENT BASED NETWORKING ADOPT PROGRAM

- Track: Cisco Identity Services Engine (ISE)
- Track: Cisco Application Centric Infrastructure (ACI)
- Track: Cisco Digital Network Architecture (DNA)
- Track: Cisco Software-Defined Access (SDA)

PRICING

Purchase one track for $1,995
Purchase an additional track(s) for $995 each
For more information about the Adopt Program or any of our other Series programs please visit:
firefly.cloud/adopt

PROGRAM FEATURES

Live Engineer-led virtual sessions with hand's-on lab practice.

Deep-dive self-contained, 4-hour sessions.

Runs weekly, year round.

4 Hour Sessions allow you to digest and ask questions.

No prior knowledge needed.

For people who need real-world targeted skills on ACI, ISE, DNA, and SDA.

Delivered by engineers

Outside of class access to our community of engineers and experts

ADOPT: ACI

Targeted For

The ACI Adopt Program will provide value for anyone deploying or operating an ACI fabric. However, some topics will be more relevant to specific audiences, i.e. Architects, Engineers, or Operations Teams.

SESSSIONS

- Session 1: ACI Overview
- Session 2: Fabric Forwarding
- Session 3: ACI Fabric Configuration, Part 1
- Session 4: ACI Fabric Configuration, Part 2
- Session 5: ACI Logical Constructs, Part 1
- Session 6: ACI Logical Constructs, Part 2
- Session 7: Contracts
- Session 8: External Connectivity, Part 1
- Session 9: External Connectivity, Part 2
- Session 10: Deployment Models and DevOps
- Session 11: Advanced Troubleshooting
- Session 12: Multi-Site and Multi-Pod, Part 1
- Session 13: Multi-Site and Multi-Pod, Part 2
- Session 14: Design and Migration Considerations

OBJECTIVES

- Describe ACI components and policy model.
- Explain ACI packet forwarding· Describe ACI fabric configuration.
- Describe ACI logical constructs.
- Explain how ACI uses contracts to allow for secure communication between endpoints.
- Explain how ACI connects to other switched and routed networks.
- Explain how to troubleshoot an ACI fabric.
- Describe Multi-site and Multi-pod solutions, and how they fit in a multi-DC/multi-cloud design.

SKILLS YOU WILL LEARN

+ Deploy an ACI fabric from scratch, based on best practices.
+ Operate a running ACI fabric.
+ Migrate an existing environment to an ACI fabric.
+Integrate an ACI fabric with cloud environments.

VIEW CALENDAR **VIEW OUTLINE** **LINKEDIN GROUP**

ADOPT: ISE

Targeted For

The ISE Adopt Program provides value for Network Engineers, Network Architects, and Security Engineers.

SESSSIONS

- Session 1: ISE Overview and Use Cases
- Session 2: ISE Architecture, Scaling, and HA
- Session 3: Identity Management
- Session 4: Profiling
- Session 5: Web Auth and Guest Services
- Session 6: BYOD
- Session 7: Posture Assessment
- Session 8: Troubleshooting and Operations
- Session 9: Cisco TrustSec
- Session 10: How to Deploy ISE Safely

OBJECTIVES

- ISE Architecture
- AAA and Network Access Protocols (802.1x and non-802.1x)
- How to configure your ISE environment from the ground up
- How to build the most common ISE policies
- Profiling, Posture Assessment and Guest Services
- How to operate, maintain and troubleshoot your ISE environment

SKILLS YOU WILL LEARN

+ You will learn how to design, deploy, and maintain a highly secure network with Cisco ISE.

VIEW CALENDAR **VIEW OUTLINE** **LINKEDIN GROUP**

ADOPT: DNA

Targeted For

The DNA Adopt Program will provide value for anyone deploying or operating Cisco DNA, as well as Network Engineers and Network Architects.

SESSSIONS

- Session 1: DNA Overview
- Session 2: Site Design, Inventory, and Management (Switch)
- Session 3: Network Profiles (Switch), Software Management, RMA
- Session 4: Switch Discovery, Provisioning, Swim Lab
- Session 5: Wireless Inventory and Management
- Session 6: Wireless Lab
- Session 7: Policies and Service Catalog
- Session 8: Tools and Workflows
- Session 9: Assurance Features
- Session 10: Assurance Dashboards, Troubleshooting, Platform

OBJECTIVES

- Cover DNA Center benefits, architecture, and integrations
- Explain intent based network design within DNA
- Review network profiles and device provisioning
- Explain wireless network inventory and management
- Describe application policies and explore the service catalog
- Review DNA tools and workflows
- Explain DNA Assurance features and capabilities
- Review the dashboards and walk through how to troubleshoot
- Explain device discovery, inventory and management features within DNA

SKILLS YOU WILL LEARN

+ Deploy DNA Center based on best practices.
+ Use DNA center to keep track of network and endpoint health.
+ Use DNA center to automate frequent tasks.
+ Troubleshoot your DNA center deployment.

VIEW CALENDAR **VIEW OUTLINE** **LINKEDIN GROUP**

ADOPT: SDA

Targeted For

The SD Access Adopt Program will provide value for network engineers and network architects with prior DNA experience. It is recommended that DNA Adopt is completed before SDA Adopt, if one does not already have prior DNA experience.

SESSSIONS

- Session 1: Software Defined Access Introduction
- Session 2: SD-Access Overview, Part 1
- Session 3: SD-Access Overview, Part 2
- Session 4: SD-Access Overview, Part 3
- Session 5: Deploying SDA Fabric
- Session 6: Monitoring and Troubleshooting Your Fabric
- Session 7: ISE Design for the SD-Access Fabric
- Session 8: SD-Access Design, Deployment, and Migration

OBJECTIVES

- Cover SDA network management and benefits
- Review automation and multi-level segmentation
- Review how to monitor and troubleshoot your SDA Fabric with DNA
- Review how to segment the network and define policies
- Reveal how to implement Enterprise-wide policy consistency
- Explain packet flow within an SDA Fabric
- Explain design and deployment options for SDA

SKILLS YOU WILL LEARN

+ Deploy an SDA fabric from scratch based on best practices
+ Secure an SDA fabric with Scalable Group Policies
+ Master SDA troubleshooting techniques
+ Use assurance dashboards to operate your SDA fabric

VIEW CALENDAR **VIEW OUTLINE** **LINKEDIN GROUP**