

ACI DEEP DIVE WEBINARS



CISCO ACI AUTOMATES NETWORK PROVISIONING AND SECURITY FOR WORKLOADS ACROSS PHYSICAL SERVERS, VIRTUAL MACHINES, CONTAINERS, AND PUBLIC CLOUDS. AS ACI DEPLOYMENTS GROW, CUSTOMERS OFTEN NEED TO MANAGE MULTIPLE ACI FABRICS FOR DATA INTEGRATION, MIGRATION, DISASTER RECOVERY, AND MULTI-SITE DEPLOYMENTS.

FIREFLY HAS CREATED A SERIES OF FREE WEBINARS COVERING TOPICS THAT ALLOW YOU TO DIVE DEEPER INTO ACI.

OUR 2020 ACI WEBINAR SERIES

Advanced Network Architecture

- Understanding ACI Fabric Forwarding
- Configuring L3Outs
- Configuring L2Outs
- Configuring VLANs in ACI
- Using VRF Route Leaking
- Using vzAny
- Configuring L4-7 Services
- Using Service Graphs and PBR

Migration and Operations

- Deep Dive Into Contracts
- Using Shared Tenants
- Migrating Existing Switched Networks to ACI
- Security Within ACI
- Troubleshooting ACI

Multi-Site Architecture

- Designing for Multiple Data Centers
- Multi-Site Deployments
- Multi-Pod Deployments
- Configuring MSO

Programming and DevOps

- Introduction to Scripting ACI
- Programming the APIC with the Python SDK

RECENT AND COMING SOON

Advanced Network Architecture

- Understanding ACI Fabric Forwarding **coming soon**
- Configuring L3Outs **coming soon**

Migration and Operations

Multi-Site Architecture

- Multi-Site Deployments **delivered March 2020**

Programming and DevOps



UNDERSTANDING ACI FABRIC FORWARDING

Understanding how ACI forwards traffic across the fabric is critical to being able to troubleshoot traffic flows. In this session, we will cover:

- Endpoint data plane learning

- BUM traffic

- COOP control plane

- How VxLAN encapsulation changes depending on the type of traffic being forwarded

We will explore some of the tools we have available to see these traffic flows, and how to troubleshoot them.

Coming in April!

CONFIGURING L3OUTS

In this webinar, we will discuss Cisco's ACI L3Out connectivity options and explain Cisco ACI design concepts and options as they relate to L3Out Managed Objects.

Key L3Out components will be discussed, including:

- Learning external routes via static routes or dynamic routing protocols

- Distributing learned external routes to other ACI leaf switches

- Advertising internal BD subnets outside of ACI

- L3Outs in transit routing

- L3Out connectivity to single and multiple external connection points

- L3Out contract architectures.

We will also examine L3Out APIC configuration options.

Coming in April!

ACI DEEP DIVE WEBINARS



The ACI Multi-Site implementation allows you to interconnect multiple ACI fabrics at multiple sites, providing multi-tenant Layer 2 and Layer 3 connectivity across sites. In this webinar, we looked at Cisco's approach to integrating multiple ACI fabrics. We covered the development and architecture of Multi-Site protocols, configuration of a Multi-Site deployment, and how to extend the ACI policy domain end-to-end across multiple fabrics and Data Centers.

Delivered March 10, 2020.

Please contact your Firefly Account Manager if you wish to view the recording of this

For more information, contact your Firefly Account Manager
or email us at sales@fireflyeducate.com

WHY FIREFLY?

Firefly is Cisco's first global Business Learning Partner (BLP) and has a long history of developing and delivering award-winning IT education programs that produce tangible, measurable results for customers. Our virtual classrooms offer elite instruction, hands-on lab environments and high quality, vendor accredited course content guaranteed to help you build your skills, explore new technologies, ensure successful deployments, prepare for your next certification and more!

Changing the Way We Learn, Evaluate and Adopt Technology