



ACI-SE Bootcamp

April, 2014

ACI-SE Bootcamp - Objectives

When you leave you should be able to:

- Deliver an EBC Pitch
- Deliver a Great Demo
- Differentiate ACI from SDN
- Discuss ACI Insertion Strategies
- Deliver ACI White Board
- Get around in the APIC GUI
- Know that you have more to learn

Introductions

- Name
- Role (SE, CSE, Architect, etc....)
- Types of Accounts (Enterprise, Commercial, SP)
- Specialization (R&S, Data Center, Collab, Security)
- How long at Cisco?

Level Set

- What is the most important thing in the Data Center?

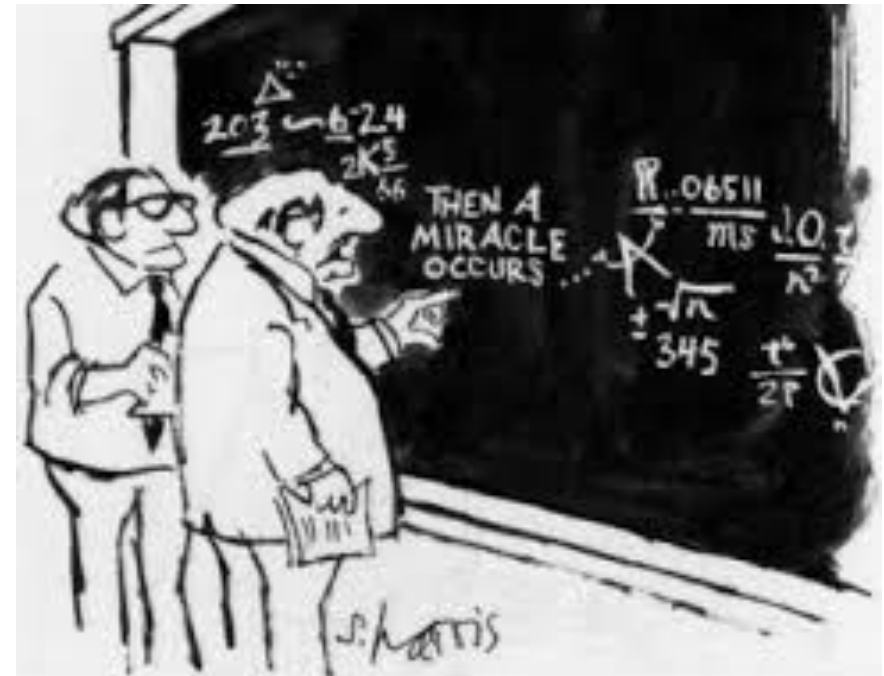
Applications

- Why has UCS been successful?

Management Architecture

- Server/App and Network teams speak different languages.

Network team is from Mars,
App Teams are from Venus..



"I think you should be more explicit here in step two."

Boot Camp Methodology



Peeling the onion

- Big picture first
- Introduce concepts
- Drill down into specifics

**Stay out of the
weeds!**



Agenda – Day 1

Module	Topic	Time
0	Intro/Logistics	
1	ACI Sales Presentation	
2	ACI Hardware Overview	
3	ACI Logical Model	
4	Application Policy Infrastructure Controller	
Lab	Lab-01 Fabric Bring Up and Initial APIC Configuration Lab-02 Building Basic Network Constructs Lab-03 Building Policy Contracts Lab-04 Deploying a 3-Tier Application Network Profile	
5	Fabric Operation <ul style="list-style-type: none">Fabric Innovations	

Agenda – Day 2

Module	Topic	Time
6	Hypervisor Integration <ul style="list-style-type: none">Integrating with VMwareIntegrating with Microsoft	
7	OpFlex, OpenStack and Open Source Initiatives	
8	Integrating L4-7 Services with ACI <ul style="list-style-type: none">L4-7 ACI conceptsIntegrating existing devices	
Lab	Lab 05 - Integrating with VMware Lab 06 - Building a Service Graph Lab 07 - Deploying Service Graphs with Application Network Profiles	
9	Connecting to Outside L2/L3 Networks <ul style="list-style-type: none">Connecting to outside L2STP considerationsConnecting to outside L3Design considerations	

Agenda – Day 2 cont

Module	Topic	Time
10	Migration and Building Mixed Environments <ul style="list-style-type: none">• Migration strategies• Migration topologies• Migration design• Cisco IT use case	
11	Day 2 Operations <ul style="list-style-type: none">• Troubleshooting tools (CLI/GUI)• Monitoring	
Lab	Lab 08 – Explore Troubleshooting aspects	
12	ACI Sales Presentation White board based EBC presentation	

Thank you.

