Current Technologies
Computer Learning Centers

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Splunk AppDynamics for Hybrid Application Monitoring v1.0 (SAHA)

WHERE GREAT TRAINING HAPPENS EVERYDAY!

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Course Duration

4 Days

Course Price

$3,595.00
36 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

The Splunk AppDynamics for Hybrid Application Monitoring (SAHA) v1.0training aims to enhance your expertise in full stack observability for hybrid applications using Cisco's product portfolio, covering various aspects of observability and analytics. You will explore application performance monitoring (APM) and business analytics for hybrid applications using Cisco AppDynamics. You will also learn about customer digital experience and application dependency monitoring, leveraging network insights through Cisco ThousandEyes and integrating them with real user monitoring in AppDynamics. Finally, you will learn about application security with Cisco Application Security. Throughout the training, you will not only learn to effectively utilize these solutions but also deploy and configure them within your application environments. This training earns you 32 Continuing Education (CE) credits towards recertification.

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How you will benefit

This class will help you:

- Gain the knowledge you need to effectively utilize hybrid applications for full stack observability
- Leverage Cisco products for application performance monitoring, security, and business analytics
- Qualify for professional-level job roles in full stack observability
- Earn 32 CE credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Site Reliability Engineers
- IT Operations Teams
- DevOps Engineers
- Security Analysts
- IT Managers
- Quality Assurance Engineers
- Technical Sales and Pre-Sales Engineers

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Objectives

After taking this course, you should be able to:

- Gain insights into the core principles and architecture of the Cisco Full Stack Observability (FSO) platform and its strategic benefits for application monitoring
- Explore best practices for deploying and managing hybrid application monitoring solutions, with a focus on Cisco AppDynamics agents for comprehensive visibility
- Acquire skills to configure Cisco AppDynamics for hybrid application monitoring, including setting up baselines, health rules, and proactive monitoring strategies
- Learn troubleshooting techniques using anomaly detection, database visibility, and custom dashboards to resolve issues affecting business transactions
- Understand the foundations of customer digital experience monitoring (CDEM) with Cisco ThousandEyes and AppDynamics platforms, integrating network and application insights to optimize customer interactions
- Deploy and configure Cisco ThousandEyes for CDEM, gaining insights into network and application performance and troubleshooting customer digital experiences
- Learn app dependency monitoring with AppDynamics and ThousandEyes, including the deployment and configuration of enterprise agents and leveraging test recommendation services
- Explore hybrid application security and business risk observability with Cisco application security, enabling participants to protect applications from attacks and vulnerabilities

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Course Outline

- **Module 1: Hybrid Application Monitoring Foundation**
- **Module 2: Deploy Hybrid Application Monitoring**
- **Module 3: Hybrid Application Monitoring Configuration**
- **Module 4: Monitor and Troubleshoot Hybrid Application Performance**
- **Module 5: Customer Digital Experience Monitoring Foundation**
- **Module 6: Customer Digital Experience Monitoring Deployment**
- **Module 7: Customer Digital Experience Monitoring Integration and Configuration**
- **Module 8: Customer Digital Experience Monitoring and Troubleshooting**
- **Module 9: Application Dependency Monitoring Foundation**
- **Module 10: Application Dependency Monitoring Deployment**
- **Module 11: Application Dependency Integration and Configuration**
- **Module 12: Application Dependency Monitoring and Troubleshooting**
- **Module 13: Hybrid Application Security and Business Risk Observability Foundation**
- **Module 14: Hybrid Application Security Monitoring Deployment**
- **Module 15: Hybrid Application Security and Business Risk Observability Protection**

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Lab Outline

- **Lab 1: Monitor Application Performance**
- **Lab 2: Instrument Application Services**
- **Lab 3: Enhance Application Monitoring with Infrastructure and Database Visibility**
- **Lab 4: Improve Monitoring Experience Through Management and Configuration Strategies**
- **Lab 5: Configure Transaction Analytics for Insightful Business Dashboards**
- **Lab 6: Evaluate Hybrid Application Performance**
- **Lab 7: Troubleshoot Business Transaction Performance Using Snapshots**
- **Lab 8: Discover Customer Digital Experience with ThousandEyes and AppDynamics**
- **Lab 9: Configure and Verify Transaction Test**
- **Lab 10: Deploy and Verify Browser Real User Monitoring**
- **Lab 11: Enable Data Sharing Through Integration**
- **Lab 12: Monitor Digital Experiences with Cisco ThousandEyes**
- **Lab 13: Resolve Digital Experience Issues with Cisco ThousandEyes and Cisco AppDynamics**
- **Lab 14: Uncover Application Dependency Performance with Cisco ThousandEyes and Cisco AppDynamics**

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Lab Outline

- **Lab 15: Deploy an Enterprise Agent and Configure Tests for Application Dependency Monitoring**

- **Lab 16: Configure Test Recommendations and Integrate the Platforms**

- **Lab 17: Monitor Application Dependency Issues with Cisco ThousandEyes and Cisco AppDynamics**

- **Lab 18: Secure Applications with Cisco AppDynamics Walkthrough**

- **Lab 19: Integrate Cisco Secure Application with Splunk**

- **Lab 20: Enable and Configure Cisco Secure Application**

- **Lab 21: Monitor Application Security Using Cisco Secure Application**