Current Technologies
Computer Learning Centers

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Platinum Learning

Splunk AppDynamics for Hybrid Application Monitoring (SAHA)

WHERE GREAT TRAINING HAPPENS EVERYDAY!

Splunk AppDynamics for Hybrid Application Monitoring (SAHA)

Course Duration

4 Days

Course Price

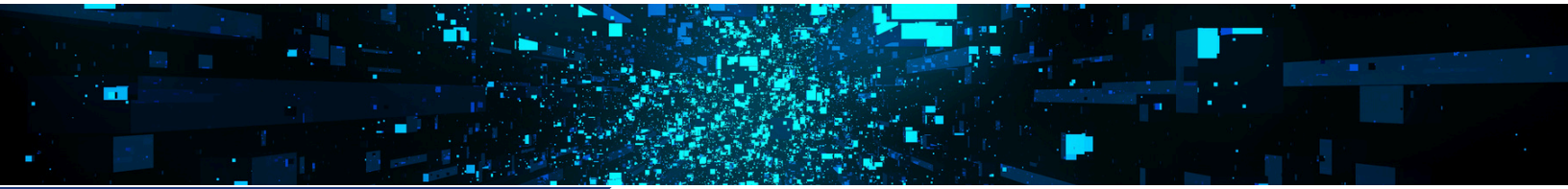
$3,595.00
36 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

In this Splunk AppDynamics for Hybrid Application Monitoring course provides a comprehensive foundation for monitoring, troubleshooting, and securing modern hybrid applications using Cisco AppDynamics, Cisco ThousandEyes, and Cisco Secure Application. The curriculum begins with core hybrid application monitoring concepts, guiding learners through deployment, instrumentation, configuration, and performance analysis across distributed, cloud, and on-premises environments. Students learn how to gain deep visibility into application services, infrastructure, and databases, enabling accurate performance monitoring and faster identification of bottlenecks affecting business transactions and end-user experience.
The course then expands into customer digital experience monitoring, focusing on how to measure, analyze, and troubleshoot user experience across networks, browsers, and internet paths. Learners explore integration and configuration of real user monitoring, browser tests, transaction analytics, and Cisco ThousandEyes to uncover issues impacting customers before they escalate into outages. Emphasis is placed on correlating application performance data with network visibility to resolve complex, cross-domain problems affecting hybrid environments.
Advanced modules introduce application dependency monitoring and hybrid application security with business risk observability. Students learn how to discover application dependencies, deploy enterprise agents, configure intelligent tests, and integrate Cisco AppDynamics with Cisco ThousandEyes for end-to-end dependency visibility. The course concludes with securing applications using Cisco Secure Application, including risk detection, protection workflows, and integration with Splunk for centralized security analytics. A comprehensive lab program reinforces all concepts through hands-on monitoring, troubleshooting, digital experience analysis, and application security validation, preparing learners to operate and secure hybrid applications in real-world environments.



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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

Prerequisites

The knowledge and skills you are recommended to have before attending this training are:

- Basic understanding of application architectures and deployment models
- Fundamental knowledge of APM
- Basic understanding of networking concepts
- Foundational knowledge of application security practice

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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
- 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