SaaS Implementation Workshop for Cisco AppDynamics

Category: AI, Data & Analytics | **Vendor:** Cisco

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The SaaS Implementation Workshop for Cisco AppDynamics (IMP875) training covers an architectural overview of how Cisco AppDynamics and Application Performance Management (APM) operate, what we monitor, and how to troubleshoot performance issues. You will learn how to organize Business Transactions, as well as how to configure Health Rules, Actions, and Policies to deliver proactive problem resolution. You will also learn how to install and upgrade Application and Machine agents, and how to automate these processes.

How You'll Benefit

This training will help you:

- Learn how to utilize Cisco AppDynamics and APM
- Gain leading-edge skills for high-demand responsibilities in the cloud computing industry

About This Course

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Who Should Attend

Technical teams, DevOps professionals, Site Reliability Engineers, and any Cisco AppDynamics Partner staff who focus on implementing Cisco AppDynamics

Prerequisites & Entry Requirements

General Prerequisites:

- Comfortable working on the Command Line
- Familiar with Extensible Markup Language (XML)
- Understanding of difficulties in troubleshooting application problems
- Ability to understand basic code in languages such as Java and .NET
- DevOps experience
- Understanding of managing platform configuration
- Understanding of advanced Object-Orientated (OO) language features, e.g., Reflection, Inheritance

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Gain an understanding of Cisco AppDynamics and APM
- Learn about enterprise topology and navigating the Controller UI
- Explore business transactions including its troubleshooting and diagnostics
- Discover how to configure backend and error detection
- Learn about policies, actions, and runbook automation
- Create custom dashboards and reports
- Install and automate application agents

Detailed Course Outline

- Introduction to Cisco AppDynamics and APM
- Enterprise Topology and Cisco AppDynamics
- Navigating the Controller UI
- Business Transactions
- Troubleshooting Overview
- Diagnostic Sessions
- Troubleshooting with Transaction Snapshots
- Troubleshooting Slow Transactions
- Troubleshooting Error Transactions
- Too Many / Slow Database Calls
- Thread State Analysis
- Steps to an Cisco AppDynamics Implementation
- Business Transaction Instrumentation
- Automatic Discovery
- Best Practice: Select Business Transactions by Hand
- Custom Match Rules
- Business Transaction Management Strategies
- Service Endpoints

- Live Preview in Custom Match Rules
- Managing Business Transactions using Discovery Sessions
- Configuring Backend Detection
- Customizing Error Detection
- Configuring Baselines
- Configuring Health Rules
- Policies, Actions, and Runbook Automation
- Custom Dashboards and Reports
- Creating and Using Information Points
- Creating and Using Data Collectors
- Using Development Level Monitoring
- Configuring JMX Metrics and Windows Performance Counters
- Using Memory Management Tools
- Introduction to Application and Machine Agents
- Application Agent Architecture and Installation
- Application Agent Log Files
- Machine Agent Architecture and Installation Automating Agent Deployment
- Installing Machine Agent Extensions
- Monitoring as Code Introduction
- Automating Agent Deployment
- Interfacing with Cisco AppDynamics APIs
- Course Summary

Skills You Will Learn:

- Gain an understanding of Cisco AppDynamics and APM
- Learn about enterprise topology and navigating the Controller UI
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Frequently Asked Questions

Q: What delivery options are available for SaaS Implementation Workshop for Cisco AppDynamics?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day SaaS Implementation Workshop for Cisco AppDynamics course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SaaS Implementation Workshop for Cisco AppDynamics training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SaaS Implementation Workshop for Cisco AppDynamics?

Yes, we provide corporate training, dedicated training, and closed classes for SaaS Implementation Workshop for Cisco AppDynamics. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SaaS Implementation Workshop for Cisco AppDynamics, Cisco High Touch Delivery Courses, IMP875

Q: Why choose Nexus Human for SaaS Implementation Workshop for Cisco AppDynamics?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SaaS Implementation Workshop for Cisco AppDynamics training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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