Monitor Kubernetes Environments with Cisco AppDynamics

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

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Monitor Kubernetes Environments with Cisco AppDynamics (PRO531) training provides an overview of the Cluster Agent and how Cisco AppDynamics Agents deliver full stack observability for Kubernetes (K8s) environments. It focuses on the Cisco AppDynamics Cluster Agent, its architecture, and instructions on how to validate deployment of the Cluster Agent in a Kubernetes cluster to monitor cluster metrics Cisco AppDynamics. The training highlights the key benefits, common use cases, prerequisites, and the deployment process of the Cluster Agent to integrate Kubernetes clusters with Cisco AppDynamics.

How You'll Benefit

This training will help you:

- Understand the Cluster Agent and how it delivers full stack observability for Kubernetes environments
- Gain leading-edge skills for high-demand responsibilities in the cloud computing industry

About This Course

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Who Should Attend

- DevOps, Developers, Admins, and Performance Analysts working on containerized applications and services

Prerequisites & Entry Requirements

General Prerequisites:

The skill you are expected to have before attending this training include:

- Working knowledge of Kubernetes, containers, and container orchestration concepts

Learning Outcomes

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

- Understand Cisco AppDynamics E2E Visibility in Kubernetes environments
- Learn how to install Cisco AppDynamics Cluster Agent in Kubernetes cluster
- Examine Cluster Metrics and proactive alerting in Cisco AppDynamics Controller UI
- Deploy InfraViz for Infrastructure Visibility in Kubernetes cluster
- Understand troubleshooting, monitoring, upgrading, and uses of K8s

Detailed Course Outline

- Cisco AppDynamics E2E Visibility in Kubernetes environments
- Install Cisco AppDynamics Cluster Agent in Kubernetes cluster
- Review Cluster Metrics in Cisco AppDynamics Controller UI
- Deploy InfraViz for Infrastructure Visibility in Kubernetes cluster
- Troubleshoot K8s cluster issues using Cisco AppDynamics
- Overview of Cluster Agent to monitor Kubernetes environments
- Monitor Kubernetes applications using APM instrumentation
- Use initContainers to manually instrument K8s workloads
- Use Cluster Agent to auto-instrument K8s workloads
- Upgrade Cluster Agent
- Proactive alerting using cluster metrics

Skills You Will Learn:

- Understand Cisco AppDynamics E2E Visibility in Kubernetes environments
- Learn how to install Cisco AppDynamics Cluster Agent in Kubernetes cluster
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- Deploy InfraViz for Infrastructure Visibility in Kubernetes cluster
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Frequently Asked Questions

Q: What delivery options are available for Monitor Kubernetes Environments with 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 1-day Monitor Kubernetes Environments with Cisco AppDynamics course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Monitor Kubernetes Environments with Cisco AppDynamics training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Monitor Kubernetes Environments with Cisco AppDynamics?

Yes, we provide corporate training, dedicated training, and closed classes for Monitor Kubernetes Environments with 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: Monitor Kubernetes Environments with Cisco AppDynamics, Cisco High Touch Delivery Courses, PRO531

Q: Why choose Nexus Human for Monitor Kubernetes Environments with 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 Monitor Kubernetes Environments with 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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