

# Paragon Active Assurance for Automated WAN (PAAW)

**ID** PAAW **Price** US \$ 2,000.—(excl. VAT) **Duration** 2 days

## Who should attend

Networking architects and operators, system engineers, DevOps, and IT professionals, anyone individual responsible for identifying, understanding, troubleshooting, and resolving issues in service provider networks.

## Prerequisites

The following are the prerequisites for this course:

- Basic TCP/IP skills
- Attendance of the Introduction to Paragon Active Assurance (IPAA) course prior to attending this class
- Basic knowledge of network routing is recommended

## Course Objectives

After successfully completing this course, you should be able to:

- Deploy and administer Paragon Active Assurance.
- Monitor and test network performance using Paragon Active Assurance.
- Integrate Paragon Active Assurance into OSS.
- Test site activation using Paragon Active Assurance.

## Course Content

### Day 1

#### Chapter 1: Course Introduction

#### Chapter 2: PAA Solution Components

- PAA Overview
- Passive and Active Monitoring
- Use Cases

#### Chapter 3: Test Agent Architecture

- Test Agents Overview
- Appliance
- Application

- LAB 1: Test Agent Registration

#### Chapter 4: Tests

- Overview
- Types of Tests
- Test Status
- LAB 2: Site Activation Testing

### Day 2

#### Chapter 5: Monitors

- Overview
- Types of Monitors
- Monitor Status
- LAB 3: Continuous Network Performance Monitoring

#### Chapter 6: Testing and Monitoring Templates

- Overview
- Types of Templates
- LAB 4: Working with Templates

#### Chapter 7: Getting Ready with REST APIs

- Overview
- Main Concepts
- SWAGGER tool
- Use Cases
- LAB 5: Automation via REST APIs

#### Module 8: Management and Integration with OSS

- Inventory
- Alarms
- SNMP
- Applications
- OSS Integration

#### Appendix A: NETCONF and YANG APIs

- NETCONF
- YANG

#### Appendix B: Lifecycle Management

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- Overview
- Fundamentals for the PAA Installation
- Service Configuration
- Monitoring System Health
- System Troubleshooting

## Paragon Active Assurance for Automated WAN (PAAW)

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### Training Centres worldwide



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