



TRAINING OFFERING

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Juniper Mist AIOps (JMA)

CODE:	LENGTH:	PRICE:
JUN_JMA	3 day(s)	£2,395.00

Description

This two-day course explores both the available resource-based Mist AI data and real-time event-based Mist AI data. The class looks at how the data can be accessed and searched through the Mist UI via Marvis. The class also explores automation and integration using the Mist APIs. Through demonstrations and hands-on labs, students will gain experience with features of Mist AI. Juniper Mist AIOps (JMA) is an intermediate-level course.

Objectives

- After successfully completing this course, you should be able to:
- Describe the data available in the Mist Cloud.
- Describe Marvis components and operations.
- Leverage Marvis to access Mist AI data.
- Explain the built-in integration options.
- Describe Mist RESTful API features and limitations.
- Describe Mist WebSockets API features and limitations.
- Describe Mist Webhook API features and limitations.
- Perform Mist AI Operations using Postman.
- Perform Mist AI Operations using Node-RED.
- Explore Mist API using Python.
- Perform advanced Mist AI automation using Python.

Audience

This course benefits individuals responsible for accessing and using Mist AI data for business intelligent operations.

Prerequisites

- The prerequisites for this course are:
- Basic networking (wired and wireless) knowledge;
- Understanding of the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol suite;
- Basic scripting knowledge, Python knowledge recommended; and
- Completion of the Juniper Mist AI Networks (MIST) course.

Programme

Day 1 Course Introduction What Is AIOps? • AIOps Definition • AI and ML • The Importance of Data Mist AI Data • Mist Data—Input Data and Generated Data • Resource-Based Data—Config, Events, and Audit Data • JSON • Real-Time Data—Device Data and Location Data Marvis • Natural Langue • Query Langue • Conversational nterface Marvis Data • Client Data—Marvis Clients • Roaming • How Marvis Uses Mist Data Built-In Integration • Ekahau and iBwave Import • Cloud Shark • External Guest Portals Lab : Building In Integration Day 2 RESTful API • Authentication • CRUD Methods • Examples and Use Cases • RESTful API Operations Mist WebSockets API • WebSockets API Introduction • WebSockets API Features • WebSockets API Limitations Automation and Scripting • Mist Webhook API Introduction • Mist Webhook API Features • Mist Webhook API Limitations Postman • Automate Multiple Tasks • Examples and Use Cases • Getting Started with Postman • Set Up Your Environment • Use the Juniper Mist Collection Lab: Automating Mist AI Operations Using Postman Node-RED • Examples and Use Cases • How to Use Sequences • Integration with Physical Environment Lab: Automating Workflows with Node-RED Python and Mist API • Analyze Responses from Mist API • Establish Websocket Connections • Make RESTful API Calls Lab: Creating a Mist Site Using Python Python Automation • Automate Multiple Tasks • Examples and Use Cases • Script Examples Lab: Creating Multiple Mist Sites Using Python

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
05 Oct 2022	Virtual Training Class - TP	BST	English	Instructor Led Online		£2,395.00
20 Feb 2023	Virtual Training Class - TP	GMT	English	Instructor Led Online		£2,395.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.