∧∏∪∏W | Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Introduction to Juniper Mist AI (IJMA)

CODE:	LENGTH:	PRICE:
JUN_IJMA	16 Hours (2 days)	£1,700.00

Description

This two-day Juniper Mist™ cloud training course provides network engineers and architects who use Juniper Mist cloud the knowledge to build,
manage, and maintain their wireless, wired, and WAN networks from anywhere. Key topics include APIs, Marvis® Virtual Network Assistant,
location-based services, cloud services, as well as monitoring and analysing the Juniper Mist cloud platform. It involves teaching the students APIs, Marvis, location-based services, cloud services, as well as monitoring and analysing the Mist Cloud platform. Students can connect to Juniper Mist cloud by connecting to the closest Juniper server in the cloud with the appropriate port configuration based on their location.
COURSE LEVEL RELATED JUNIPER PRODUCT
Introductory   • Juniper Mist AI

Objectives

After successfully completing this course, you should be able to:
• Describe Juniper Mist AI and the Juniper Mist cloud.
• Describe the Juniper Mist AI cloud features and devices.
• Connect to Juniper Mist cloud.
• Create and manage accounts in Juniper Mist cloud.
• Manage and configure the Juniper Mist cloud general settings.
• Manage and configure the Juniper Mist cloud secondary settings.
• Manage Juniper® Series of High-Performance Access Points.
• Configure Juniper Mist™ Wi-Fi Assurance
• Use Juniper Mist monitoring and analytics tools.
• Use Marvis.
• Describe Juniper Mist location-based services and use cases.
• Use the Juniper Mist API.
• Explain and examine the Juniper Mist help menus.

Audience

• Individuals responsible for onboarding and managing network equipment using Juniper Mist cloud
• Individuals interested in learning more about Marvis, location-based services, and cloud services

Prerequisites

• Basic understanding of the OSI model and the TCP/IP protocol suite
• Basic understanding of computer networking concepts
• Completion of the Getting Started with Wi-Fi online course, or equivalent knowledge

Programme

1 Introduction to the Juniper Mist Management Cloud
• Describe the evolution of artificial intelligence
• Describe machine learning
• Explain the advantages of Juniper Mist AI
• Describe Juniper Mist cloud
2 Juniper Mist Capabilities and Use Cases
• Describe Juniper Mist Wi-Fi Assurance features
• Describe the Juniper Mist Wired Assurance features
• Describe the Juniper Mist WAN Assurance features
3 Introduction to the Juniper Mist Cloud User Interface
• Examine the Juniper Mist cloud user interface
Lab 1: Accessing the Juniper Mist Portal
4 Creating and Managing Juniper Mist Accounts
• Explain how to manage user accounts
• Describe how to manage administrators
Lab 2: Connecting to the Juniper Mist Cloud
5 Juniper Mist Initial Configuration
• Describe how to create a Juniper Mist organization
• Explain how to manage the Juniper Mist organization settings
• Describe how to create and manage a Juniper Mist
• Describe WLAN templates
• Explain how to configure support access
Lab 3: Juniper Mist Initial Configuration
6 Juniper Mist Secondary Configuration
• Explain how to add and manage Juniper Mist subscriptions
• Describe Juniper Mist certificates
• Explain Juniper Mist single sign-on
• Describe the management connection
• Explain autoprovisioning
• Describe managed services provider
• Explain the Juniper Mist inventory
DAY 1 • Describe the Installer role

7 Juniper Mist Wi-Fi Assurance
• Describe how to onboard Juniper Access Points
• Describe how to manage Juniper Access Points
Lab 4: Juniper Mist Wi-Fi Assurance
8 Juniper Mist Wired Assurance
• Explain how to provision and manage switches in Juniper Mist
• Describe how to configure switches in Juniper Mist
• Describe switch templates in Juniper Mist
9 Juniper Mist Monitoring and Analytics
• Describe service-level expectations
• Explain Juniper Mist Insights
• Explain manual packet capture collection
• Describe how to view alerts and audit logs
• Describe how to view network statistics
Lab 5: Juniper Mist Monitoring and Analytics
10 Introduction to the Marvis Virtual Network Assistant
• Describe Marvis Actions
• Explain how to query Marvis
Lab 6: Introduction to Marvis
11 Juniper Mist Location-Based Services
• Explain LBS and its components and methods
• Describe BLE
• Describe vBLE and the Juniper Mist way of LBS
• Describe LBS use cases
12 Juniper Mist API
• Explain API concepts
• Describe the Juniper Mist RESTful API
• Describe the Juniper Mist WebSocket API
• Describe the Juniper Mist Webhooks API
13 Juniper Mist Help
• Explain how to access the Juniper Mist help menu
• Describe how to access the Juniper Mist documentation page
DAY 2 • Explain how to find product update information

Follow on courses

Deploying and Managing Juniper Wireless Networks with Mist AI

Test and Certification

RELATED CERTIFICATION: JNCIA-MistAI Certification

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
10 Sep 2024	Virtual Training Class - TP	BST	English	Instructor Led Online		£1,700.00
10 Dec 2024	Virtual Training Class - TP	GMT	English	Instructor Led Online		£1,700.00

Additional Information

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