



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**Du kan nå os her**

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CODE:	LENGTH:	PRICE:
JUN_IJMA	24 Hours (3 dage)	kr 21,200.00

## Description

This introductory three-day course serves as the springboard to understanding the Mist AI™ Full Stack offerings. This course provides students a comprehensive understanding of a fully deployed, driven by Mist AI wired, wireless, and software-defined WAN (SD-WAN) network. In their lab environments, students will explore each Mist AI offering at a high level, focusing on wireless and Edge products, switching and campus design, SDWAN connectivity, enterprise routing capabilities, deploying Juniper Mist™ Access Assurance, and Juniper® Location Service, driven by Mist AI™. This course is for students seeking to understand Mist AI and how the full stack combines for complete AI-native networking. After completing this course, students can articulate the benefits and essential functions of the Mist AI flexible, scalable, and distributed architecture with AI across their wired, wireless, and SD-WAN networks.

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This is an introductory course. Related Juniper Products

• EX Series • Junos OS • MX Series • SRX Series • Network Design • Juniper Apstra • Mist AI • Session Smart Routers

## Objectives

- Describe the Juniper Mist™ cloud.
- Explain the key concepts, terminology, and configuration for the Juniper Mist Full Stack, including:

- Juniper Mist Wireless Assurance.
- Juniper Mist™ Wired Assurance.
- Juniper Mist™ WAN Assurance.

- Articulate key features in the Juniper Mist solutions, including:

- Marvis® Virtual Network Assistant, Marvis Actions, Marvis Minis.
- Juniper Mist Network Analytics.
- Juniper Mist™ Premium Analytics.
- Juniper Mist™ Access Assurance (NAC).
- Juniper Mist™ Routing Assurance.
- Location Service, driven by Mist AI.
- Juniper Mist™ Edge.
- Juniper Secure Services Edge integrations.
- Apstra Cloud Services Integration with Mist AI.

## Audience

Individuals with a high-level understanding of the Mist AI Full Stack and Mist AI-Native Networking solutions. This course is the first step in the education track in the Juniper Mist™ curriculum.

## Programme

Day 1 1 Introduction to Juniper Mist • Outline Juniper Mist • Describe Marvis and Marvis Minis • Define Juniper Mist full stack • Outline Juniper Mist services and solutions 2 Introduction to Artificial Intelligence and the Juniper Mist AI-Native Network • Describe the evolution of artificial intelligence • Describe machine learning • Describe Mist AI • Describe the Juniper Mist cloud 3 Introduction to Marvis VNA • Describe Marvis VNA • Describe Marvis Actions • Provide an overview of the Marvis Conversational Assistant and the Marvis Query Language • Describe Marvis Minis 4 Juniper Mist—Accounts and Management • Describe how to create and manage a Juniper Mist account • Outline Juniper Mist management and administration • Describe Juniper Mist e-mail alerts and notifications • Outline Juniper Mist subscription options Lab 1: Juniper Mist Accounts 5 Juniper Mist SD-WAN Capabilities and Use Cases • Define SD-WAN • Describe WAN Edge and Overlay • Explain tunnel-free routing • Outline platform considerations and deployment patterns 6 Juniper Mist WAN Assurance—Deployment Workflow • Outline the Juniper® SD-WAN driven by Mist AI™ Intent Model • Outline WAN Edge templates and hub profiles • Describe Application Steering and SD-WAN policies • Outline secure services edge integrations Day 2 7 Juniper Mist WAN Assurance—Management and Monitoring • Explain Session Smart SD-WAN SLEs • Describe Marvis Actions and WAN Edge Insights for SD-WAN • Outline WAN user experiences and application-based context • Outline the customer deployment journey Lab 2: WAN Assurance 8 Juniper Mist Access Assurance—Capabilities and Use Cases • Describe the components of network access control • Explain the features of Juniper Mist Access Assurance • Describe the Juniper Mist Access Assurance use cases • Describe authentication policies • Describe posture compliance 9 Juniper Mist Routing Assurance—Capabilities and Use Cases • Outline Juniper Mist Routing Assurance features • Describe Juniper Mist Routing Assurance use cases • Describe the onboarding and configuration workflows for Day 0 and Day 1 • Explain WAN Monitoring SLEs and Day 2 experiences 10 Juniper Mist Wired Assurance—Day 0 Expectations • Define Day 0 expectations • Describe the Wired Assurance configuration hierarchy • Outline wired configuration elements • Describe how to configure VLANs and port profiles, and how to assign them • Describe dynamic port profiles 11 Juniper Mist Wired Assurance—Deployment and Workflow • Define Day 1 expectations • Explain Juniper Mist Wired Assurance and Wired Visibility • Describe Juniper Mist Wired devices and Virtual Chassis • Outline how to onboard switches • Describe distributed enterprise deployments • Compare traditional campus networks to EVPNVXLAN campus fabrics • Explain microsegmentation • Outline the Juniper Mist EVPN Campus Fabric Wizard 12 Juniper Mist Wired Assurance—Management and Monitoring • Define Day 2+ expectations • Describe wired insights, SLEs, and monitoring • Describe Marvis Actions for Juniper switches Lab 3: Wired Assurance Day 3 13 Juniper Mist Wireless Assurance—Day 0 Expectations • Define Day 0 expectations • Outline the configuration of sites, WLAN templates, WLANs, and VLANs • Describe RF templates and device profiles • Explain SSID strategies for 802.1X, portals, and BYOD 14 Juniper Mist Wireless Assurance—Deployment and Workflow • Describe Day 1 expectations • Define Juniper Access Points • Describe how to onboard access points • Outline Juniper Mist Wireless Assurance use cases 15 Juniper Mist Wireless Assurance—Management and Monitoring • Define Day 2+ expectations • Define Juniper Mist Wireless Assurance • Describe wireless insights, SLEs, and monitoring • Describe viewing clients • Describe Marvis Actions for Juniper Aps Lab 4: Wireless Assurance 16 Juniper Mist Location Services—Capabilities and Use Cases • Describe the use cases for Location Services • Outline Juniper Mist Location Service Devices • Explain BLE • Describe vBLE Engagement and virtual beacons • Outline the features of Asset Visibility • Explain Juniper Mist User Engagement 17 Juniper Mist Templatization, Variables, and Automation • Define Juniper Mist templates • Outline Wireless, Wired, and SD-WAN templating • Describe Juniper Mist template deployment • Describe Juniper Mist variables 18 Juniper Mist API • Explain API concepts • Describe the Juniper Mist RESTful API • Describe the Juniper Mist WebSocket API • Describe the Juniper Mist Webhooks API 19 Juniper Mist Documentation and Support • Explain Juniper Mist documentation • Outline how to create support tickets • Explain feature requests Lab 5: Troubleshooting and Juniper Mist Help

## Session Dates

På anmodning. [Kontakt os venligst](#)

## Yderligere Information

[Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.](#)