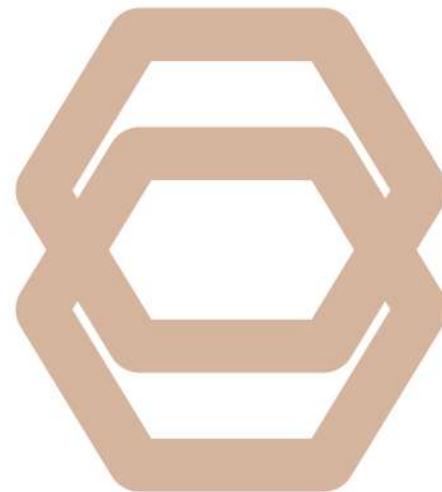


# Mist AI Wireless Specialist (JNCIS-MistAI-Wireless)



# Online Course



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# **Mist AI Wireless Specialist (JNCIS-MistAI-Wireless)**

## **Course Modules**

### **1. Identify the concepts or functionality of basic Wi-Fi technologies**

- 802.11 physical layer protocols
- Frequency bands
- RF basics
- Modulation and coding
- Network arbitration and contention
- WLAN association and roaming
- WLAN life cycle

### **2. Identify the concepts of the Juniper Mist Cloud architecture**

- General architecture concepts
- Account organization and subscriptions
- Configuration objects
- RESTful API concepts
- Webhook concepts
- Organization objects
- Site objects

### **3. Demonstrate knowledge of Juniper Mist configuration**

- Initial setup
- Access points
- Juniper Mist Edge
- WLAN objects



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## **4. Identify the concepts or functionality of WLANs**

- WLAN concepts
- Security concepts
- Juniper Mist WLANs
- Policy (WxLAN)
- Guest portals
- Wireless intrusion detection and prevention

## **5. Demonstrate knowledge of WLAN configuration or troubleshooting**

- Multiple preshared key (PSK)
- Policy (WxLAN)

## **6. Identify the components of Juniper Mist network operations**

- Service-level expectations (SLE) for Juniper Mist Wi-Fi Assurance
- Events and insights
- Alerts
- Radio resource management (RRM)

## **7. Demonstrate knowledge of wireless config or troubleshooting**

- SLE configuration
- SLE troubleshooting



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## **8. Concepts & functionality of Marvis Virtual Network Assistant**

- Reactive troubleshooting
- Proactive troubleshooting
- Marvis languages
- Marvis actions

## **9. Knowledge of using the Marvis Virtual Network Assistant**

- Reactive troubleshooting
- Proactive troubleshooting
- Marvis languages
- Marvis actions

## **10. Concepts or methods of location-based services (LBS)**

- Wi-Fi location
- Virtual Bluetooth Low Energy (BLE)
- User engagement
- Asset visibility
- Proximity tracing

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