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## Junos Pulse Secure Access

**Cursusduur: 4 Dagen**    **Cursuscode: JPSA**

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### Beschrijving:

This four-day course discusses the configuration of the Junos Pulse Secure Access Service in a typical network environment. Key topics include Secure Sockets Layer (SSL) access technologies, basic implementation, and configuration and management options. Through demonstrations and hands-on labs, students will gain experience in configuring, testing, and troubleshooting basic and advanced facets of the Junos Pulse Secure Access Service. This course uses the MAG6611 Junos Pulse Gateway using MAG-SM160 Service Modules. The course also supports the SA Series SSL VPN Virtual Appliance Demonstration and Training Edition (DTE).

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### Doelgroep:

This course benefits network engineers, support personnel, reseller support, and individuals responsible for implementing the Junos Pulse Secure Access Service. JPSA is an intermediate-level course.

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### Doelstelling:

- After successfully completing this course, you should be able to deploy the Junos Pulse Secure Access Service and firewall enforcer to support common environments. Specific topics include the following:
  - Introduction to the Junos Pulse Secure Access Service:
  - Typical deployment scenarios.
  - Terminology.
  - Secure Access protocols and operations.
  - Junos Pulse Secure Access Service initial configuration.  
Junos Pulse Secure Access Service configuration elements:
    - Roles.
    - Authentication realms.
    - Authentication servers.
    - Resource policies.
    - Sign-in policies.
    - Client access methods:
      - SAM
      - VPN tunneling.
      - Junos Pulse.
      - Junos Pulse collaboration:
        - Configuring and scheduling meetings.
        - Conducting meetings.
        - Endpoint security:
          - Host Checker.
          - Enhanced Endpoint Security.
          - Secure Virtual Workspace.
          - Cache Cleaner.
        - Administration and troubleshooting.
        - Virtualization.
        - Clustering.

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### Vereiste kennis en vaardigheden:

This course assumes that students have moderate background in internetworking basics, basic security concepts, network administration, and application support.

## Cursusinhoud:

### Chapter 1: Course Introduction

### Chapter 2: The Junos Pulse Secure Access Service

- Secure Remote Access Overview
- Junos Pulse Secure Access Series Deployment Options
- MAG Series Platforms and Feature Sets
- Integration Options

### Chapter 3: Initial Configuration

- Console Configuration
- Administrative UI
- Lab 1: Initial Configuration

### Chapter 4: Technology and Terminology

- SSL and TLS Overview
- Junos Pulse Secure Access Service Access Methods
- Junos Pulse Secure Access Service Architecture
- Access Management Framework Elements

### Chapter 5: User Roles

- Configuring User Roles
- Role Mapping
- Customizing the User Experience
- Lab 2: User Roles

### Chapter 6: Resource Policies and Profiles

- What Is a Resource Policy?
- Resource Policy Configuration
- Resource Policy Options
- Resource Profile Configuration
- Lab 3: Resource Policies and Profiles

### Chapter 7: Complex Policies

- Resource Policies
- Specialized Web Resource Policies
- Lab 4: Complex Policies

### Chapter 8: Authentication

- The Authentication Process
- Configuring Authentication
- Lab 5: Authentication Servers and Realms

### Chapter 9: Advanced Authentication Options

- Custom Sign-In URLs
- Multiple Sign-In Credentials
- Configuring SSO
- Additional Authentication Servers
- Lab 6: Advanced Authentication Options

### Chapter 10: Certificates

- Certificates
- Configuring the Junos Pulse Secure Access Service for Certificates
- Configuring Multiple Server Certificates
- Lab 7: Using Certificates

### Chapter 11: Client and Server Applications

- The Need for Client/Server Support
- Secure Application Manager
- VPN Tunneling
- Installers
- Lab 8: Client and Server Support

### Chapter 12: Junos Pulse

- What Is Junos Pulse?
- Junos Pulse Features and Components
- Junos Pulse Configuration
- Lab 9: Junos Pulse

### Chapter 13: Junos Pulse Collaboration

- Junos Pulse Collaboration Overview
- Configuring Junos Pulse Collaboration
- Junos Pulse Collaboration Client
- Lab 10: Junos Pulse Collaboration (Optional)

### Chapter 14: Endpoint Security

- The TNC Architecture
- Configuring Host Checker
- Configuring Enhanced Endpoint Security
- Configuring Secure Virtual Workspace
- Configuring Cache Cleaner
- Enforcing Endpoint Security
- Lab 11: Endpoint Security

### Chapter 15: Administration and Troubleshooting

- Logs
- Troubleshooting
- Management Operations
- Delegated Administration
- Lab 12: Administration

### Chapter 16: Advanced Troubleshooting

- Troubleshooting Concepts
- Content Intermediation Engine
- Troubleshooting VPN Tunneling
- General Troubleshooting
- Lab 13: Troubleshooting

### Chapter 17: Virtualization

- Describing Virtualization
- Configuring Virtual Appliance Licensing
- Configuring Virtual Desktops
- Chapter 18: Clustering
- Clustering Overview
- Clustering Configuration
- Multi-Unit Clustering
- Upgrading a Cluster
- Lab 14: Active-Passive Cluster Configuration

### Appendix A: Junos Pulse Gateway Chassis Management

- Chassis Management Card Features
- Configuration of Chassis Management Card

### Appendix B: Additional Client Applications and Features

- Telnet and SSH
- Terminal Services
- Scriptable Launchers
- Lab 15: Client and Server Options

## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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