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Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Advanced Junos Security

Kód:	DÉLKA:	CENA:
JUN_AJSEC	40 Hours (5 DENNÍ)	Kč bez DPH 90,700.00

Description

Školení je vedeno virtuálně v anglickém jazyce ve školicím středisku Arrow v Anglii.
Cena školení je 2 995 GBP bez DPH - tato cena bude při fakturaci přepočtena aktuálním kurzem.

This five-day course, which is designed to build off the current Junos Security (JSEC) offering, delves deeper into Junos security and next-generation security features.
Through demonstrations and hands-on labs, you will gain experience in configuring and monitoring the advanced Junos OS security features with advanced coverage of virtualization, AppSecure, advanced logging and reporting, next generation Layer 2 security, user firewall, next generation advanced anti-malware with Sky ATP, next generation security intelligence with software-defined secure networks.
This course uses Juniper Networks SRX Series Services Gateways for the hands-on component.
This course is based on Junos OS Release 15.1X49-D90.7 and Junos Space Security Director 16.2.

• Security
• Junos OS
• SRX Series
• vSRX Series
• Sky ATP
Advanced Junos Security (AJSEC) is an advanced-level course. Relevant Juniper Product • SDSN

Cíle

• Demonstrate understanding of concepts covered in the prerequisite Junos Security course.
• Describe the various forms of security supported by the Junos OS.
• Implement features of the AppSecure suite, including AppID, AppFW, AppTrack, AppQoS, and SSL Proxy.
• Configure custom application signatures.
• Describe Junos security handling at Layer 2 versus Layer 3.
• Implement next generation Layer 2 security features.
• Demonstrate understanding of Logical Systems (LSYS).
• Describe Junos routing instance types used for virtualization.
• Implement virtual routing instances in a security setting.
• Describe and configure route sharing between routing instances using logical tunnel interfaces.
• Describe and discuss Sky ATP and its function in the network.
• Describe and configure UTM functions.
• Discuss IPS and its function in the network.
• Implement IPS policies.
• Describe and implement SDSN and Policy Enforcer in a network.
• Describe the purpose of SSL proxy.
• Implement client-protection SSL proxy.
• Implement server-protection SSL proxy.
• Describe and implement user role firewall in a network.
• Demonstrate the understanding of user firewall.

Určeno pro

This course benefits individuals responsible for implementing, monitoring, and troubleshooting Junos security components.

Vstupní znalosti

Students should have a strong level of TCP/IP networking and security knowledge.

Students should also attend the Introduction to the Junos Operating System (IJOS) and Junos Security (JSEC) courses prior to attending this class.

Program

Junos Layer 2 Packet Handling and Security Features
• Transparent Mode Security
• Secure Wire
• Layer 2 Next Generation Ethernet Switching

Day 1 Course Introduction • MACsec   LAB 1: Implementing Layer 2 Security
AppSecure Theory
• AppSecure Overview
Virtualization   • AppID Overview
• Virtualization Overview   • Installing the Application Signature Package
• Routing Instances   • Customer Application Signatures
• Logical Systems   LAB 2: Implementing Junos Virtual Routing • Application System Cache   Day 2
AppSecure Implementation   Sky ATP Concepts and Setup
• AppTrack   • Sky ATP Overview
• AppFW   • Sky ATP Features
• AppQoS   • Sky ATP Setup
• APBR   LAB 3: Implementing AppSecure • Sky ATP Enrollment Troubleshooting
Sky ATP Implementation
• Configuring Sky ATP using the Web UI   SDSN with Policy Enforcer
• Configuring Sky ATP with Security Director   • Policy Enforcer Overview
• Monitoring Infected Hosts   • Configuring Policy Enforcer and SDSN
• Infected Host Case Study   LAB 4: Implementing Sky ATP Demo Day 3 • Infected Host Case Study
Implementing UTM
• UTM Overview
• AntiSpam
• AntiVirus

LAB 5: Implementing SDSN with Policy Enforcer • Content and Web Filtering LAB 6: Implementing UTM Day 4
Introduction to IPS
• IPS Overview   IPS Policy and Configuration   SSL Proxy
• Network Asset Protection   • SRX IPS Requirements   • SSL Proxy Overview
• Intrusion Attack Methods   • IPS Operation Modes   • Client-Protection SSL Proxy
• Intrusion Prevention Systems Basic IPS Policy Review   • Server-Protection SSL Proxy
• IPS Inspection Walkthrough • IPS Rulebase Operations LAB 7: Implementing Basic IPS Policy • SSL Proxy Case Study
User Authentication
• User Role Firewall and Integrated User Firewall Overview
• User Role Firewall Implementation
• Monitoring User Role Firewall
• Integrated User Firewall Implementation

Day 5 • Monitoring Integrated User Firewall   LAB 8: Implementing User Integrated Firewall
Monitoring and Reporting
• Log Director Overview
• Log Director Installation
• Working with Log Events
• Alerts and Reports   LAB 9: Deploying Log Director

Please note that the following Appendices are not covered as standard during the training course unless requested by the customer, and agreed with Arrow, upon booking:

• Branch SRX Platform Overview
• High End SRX Platform Overview
• SRX Traffic Flow and Distribution

Appendix A: SRX Series Hardware and Interfaces • SRX Interfaces   Appendix B: Virtual SRX
• Virtualization Overview
• Network Virtualization and SoftwareDefined Networking
• Overview of the vSRX Platform
• Deployment Scenarios for the vSRX
• Integrating vSRX with AWS

Termíny školení

Datum	Místo konání	Časové pásmo	Jazyk	Typ	Garance termínu	CENA
24 Jun 2024	Virtual Classroom	CEDT	English	Instructor Led Online		Kč bez DPH 90,700.00
30 Sep 2024	Virtual Classroom	CEDT	English	Instructor Led Online		Kč bez DPH 90,700.00
16 Dec 2024	Virtual Classroom	CET	English	Instructor Led Online		Kč bez DPH 90,700.00

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.