



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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| Kód: | DÉLKA: | CENA: |
|-----------|---------|--------------|
| JUN_AJSEC | 5 (den) | Kč 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 |
| | | • AppID Overview |
| | | • Installing the Application Signature Package |
| | | • Customer Application Signatures |
| Virtualization | | |
| • Virtualization Overview | | |
| • Routing Instances | | |
| • Logical Systems | LAB 2: Implementing Junos Virtual Routing | Day 2 |
| AppSecure Implementation | • Application System Cache | |
| • AppTrack | Sky ATP Concepts and Setup | |
| • AppFW | • Sky ATP Overview | |
| • AppQoS | • Sky ATP Features | |
| • APBR | • Sky ATP Setup | |
| Sky ATP Implementation | LAB 3: Implementing AppSecure • Sky ATP Enrollment Troubleshooting | |
| • 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 |
|-------------|-------------------|--------------|---------|-----------------------|-----------------|--------------|
| 21 Feb 2022 | Virtual Classroom | CET | English | Instructor Led Online | | Kč 90,700.00 |
| 16 May 2022 | Virtual Classroom | CEDT | English | Instructor Led Online | | Kč 90,700.00 |

Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)