Security Professional (JNCIP-SEC)

Zetlan Technologies

Online Course

ZETLAN TECHNOLOGIES
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Course Modules

1. Describ the concepts, operation, or functionality of firewall filters.

- Selective packet processing
- Troubleshooting with firewall filters
- Filter-based forwarding

2. Demonstrate how to troubleshoot or monitor security policies

- Tools
- Logging/tracing
- Other outputs

3. Operation of Juniper Advanced Threat Prevention

- Collectors
- Custom rules
- Mitigation

4. Operation, or functionality of edge security features.

- Hardware support
- Security Intelligence (SecIntel)
- Intrusion prevention system (IPS)
- Corero DDoS Mitigation
- Advanced threat prevention (ATP)

5. **Operation of security compliance.**
   - Role-based access control (RBAC)
   - Junos Space® Security Director
   - Authentication and Accounting (AAA) & (SAML) integration

6. **Operation, or functionality of threat mitigation.**
   - Malware identification or mitigation
   - Malicious lateral traffic identification or mitigation
     - Zero trust micro segmentation

7. **Operation, or functionality of the logical systems.**
   - Administrative roles
   - Security profiles
   - Logical systems (LSYS) communication

8. **Operation, or functionality of the tenant systems.**
   - Master and tenant admins
   - Tenant systems (TSYS) capacity

9. **Operation, or functionality of Layer 2 security.**
   - Transparent mode
   - Mixed mode
   - Secure wire
   - Media Access Control Security (MACsec)

10. **Operation, or functionality of advanced NAT functionality.**
   - Persistent NAT
   - Domain name system (DNS) doctoring
   - IPv6 NAT

11. **Operation, or functionality of advanced IPsec applications.**
   - Remote access VPNs
   - Hub-and-spoke VPNs
   - Public Key Infrastructure (PKI)
   - Auto Discovery VPNs (ADVPNs)
   - Routing with IPsec
   - Overlapping IP addresses
   - Dynamic gateways
   - IPsec class of service (CoS)