2016 TSA Results by Objectives

Categories: WAN, PPP, Frame Relay, NAT, Broadband, VPN, Monitoring & Security, Troubleshooting

Legend: ■ Correct   ■ Incorrect

Technical Skills Assessment Objectives

1. WAN: Configure and verify a basic Wide Area Network (WAN) serial connection and troubleshoot WAN implementation issues.
2. PPP: Configure and verify a Point-to-Point Protocol (PPP) connection between Cisco routers.
3. Frame Relay: Configure and verify Frame Relay on Cisco routers.
4. VPN: Describe the importance, benefits, role, impact and components of Virtual Private Network (VPN) technology. Explain the operation and benefits of using IPv6 Tunneling. Describe the routing considerations with IPv6 and configure it with Routing Information Protocol (RIP).
5. NAT (Network Address Translation): Explain the basic operation of Network Address Translation (NAT); set up its configuration; troubleshoot NAT issues.
6. Monitoring & Security: Describe current network security threats and explain how to implement a comprehensive security polity to mitigate common threats to network devices, hosts, and applications. Identify types of Network Attacks and establish mitigation techniques to manage router security.
7. Troubleshooting: Describes the network documentation that should be maintained and general troubleshooting procedures, methods, and tools.