

## SOHO Router

### **1. What differentiates a SOHO router from an Enterprise Router?**

- SOHO (Small office home office) router combines multiple logical devices into one physical device. It is web GUI administrable.
- Enterprise Routers are ten times more expensive. It provides better quality routing services and handles more traffic than a SOHO router.

### **2. When you're dealing with an ISP, why would you want a static IP address?**

- A static IP address will never change and anyone from outside the network can access using the permanent address.

### **3. What functions (services) do you normally find in a SOHO router?**

- Services found in a SOHO router are DHCP, Firewalls, DNS and DMZ.

### **4. What does a firewall do?**

- Blocks incoming and outgoing traffic on certain ports for security purposes.

### **5. With a SOHO router, why would redundancy be desirable?**

- Redundancy can be desirable because if one internet connection fails, you have others that are still up and running

### **6. What is a DMZ? Why would a small company want one?**

- DMZ (Demilitarized Zone) is where the Internet connection is separates into a weak and strong level of security. A small company may allow public access to the web on the weak port and company activity such as email on the strong port.

### **7. In a small office, what would be the disadvantage of using enterprise level routers?**

- Enterprise level routers are a lot more expensive and more difficult to maintain in a small office setting.