**KEY**

Questions for lab (One or two sentences)

1: Why did you use Bridged or NAT?

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| First tell me which one you chose. You only need to explain one or the other.   * + - * 1. **NAT - Your host machine will act as the default gateway and VMs created will have a private subnet. Traffic to the Internet will use the NAT table.**         2. **Bridged – Your VMs will get a ip address on the same subnet as your host** |

2. What is the purpose of these commands:

a. chown

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| **Change ownership of a file or directory** |

1. mv

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| **Move a file** |

3. In order to share files within the LAN, computers need to be visible. In terms of IP addressing, what guidelines should you follow?

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| **The network portion of the IP address should be the same and the host portion should be different** |

4. When you set up a domain controller, you must use a static IP. Why?

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| **DNS would be bound to the server IP. Also repeated connection to the server is facilitated by static.** |

5. When you successfully joined the domain, what message do you get?

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| **Welcome message** |

7. At the minimum how many IPs should a router be assigned? Why?

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| **Two, one for the WAN side and one for the LAN side** |

8. What must be enabled or installed to share files between Linux and Windows?

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| **SAMBA** |

9. What is the purpose of a site to site VPN?

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| **So that all users on these sites can be part of a single network securely** |

10. What is the overall purpose of Windows Group Policy?

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| **Group Policy provides for centralized management and configuration all machines in the network (OS, user programs, internet restrictions, etc)** |