### Network Policies Worksheet

**Team Name: IT Enigma**

**Team Members: Mission Rana, Jon Viraphanh**

Prior to commencing work, agree on the approach you want to follow. Make sure that when you build your proof of concept (PoC) that you adhere to the following decisions:

1. Number of domains: 1
2. Domain name(s): enigma.net
3. OU structure: 2 root OUs- Calgary and Vancouver

* [CITY]
  + Servers
    - DN-CGY-SRV01
    - DN-CGY-SRv02
  + Computers
    - DN-CGY-PC01
    - DN-CGY-PC02
  + Groups
    - Sales
    - Accounting
    - HR
    - Management
    - IT

1. Name of servers: EN-CGY-SRVL01 , EN-CGY-SRVDC01 , EN-CGY-SRVDNL01 , EN-VAN-SRVDC01 , EN-VAN-SRVFL01
2. Include the services that will be available on each server. – DHCP, DNS, RAAS , File Services
3. Password policies:
4. Length – At least 6 characters
5. Complexity – 1 special character, number, and a upper case letter.
6. Frequency of change – Every 90 days
7. Lockout – Timeout for 30 min
8. Other – No repeatable password
9. Initial passwords for each user (password changed on first login): enigmauserpassword
10. Username conventions (e.g., handling duplicate names): ( first name last name number ) – jonviraphanh01 – also can be used as jviraphanh01
11. Global groups to be created:

EN-Users, CGY-Users, VAN-Users

Sales-Users, Acc-Users, HR-Users, Mgmt-Users, IT-Users

1. Members of the following departments should be in these groups:

Sales, accounting, manufacturing, management, IT

1. Shares to be created: under shared folder – sales, accounting, manufacturing, management, IT
2. Computer names for each user: EN-CGY-PC001, EN-VAN-PC002
3. Budget (resources must be cited):
4. Diagram of proposed network:

* IP addresses

Calgary subnet – 192.168.219.0 255.255.255.0

Vancouver subnet – 192.168.220.0 255.255.255.0

* Network devices.

Virtual switches – 1 Calgary and 1 Vancouver

* Devices/computer

1 win 10 client and 1 red hat Linux client

* Operating system and their services

1. Windows server 2019

Domain Controller.

File Sharing service.

DNS

1. RedHat Linux

DHCP

Firewall Services