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Applied Computing

Wales Institute of Science and Art (WISA)

Network Operating Systems and Services (NOSS)

(ACCA5023)

Activity: Group Policies

Reference from Essential Reading:

Dauti, Bekim. Windows Server 2019 Administration Fundamentals: A beginner's guide to managing and administering Windows Server environments, 2nd Edition.

Task 1: Understanding Group Policies and Group Policy Objects

Group Policy is one of the powerful configurations in Windows Servers to establish a control over the users on the network. It could be managed in local server as well as domain controller.

Do further research on Group Policy focusing on the following aspect:

1. Why do we need Group Policies in our network architecture?
2. Clarify the available configuration values in a Group Policy Object in detail.
3. What are the different types of GP editors and how are they different from each other?
4. What is the order in which a GPO is processed? (In the aspect of Domain, Site, OU's etc.)

Task 2: Configuring GPO's: Rename the administrator Account

1. Go to Computer Configuration → Policies → Windows Settings → Security Settings → Local Policies → Security Options
2. Accounts: Rename Administrator Account
3. Properties → Define this policy setting → Enter a new name to the admin account
4. Record your Observation:
 - a. What is the change? Where is this policy applied?
 - b. How this action of yours did impacted this account?
 - c. Try to do the same for a guest account and record the steps.

Task 3: Configuring GPO's: Block Microsoft Accounts

1. Go to Computer Configuration → Policies → Windows Settings → Security Settings → Local Policies → Security Options
2. Accounts: Block Microsoft Accounts
3. Properties → Define this policy setting → Select Users can't add or log on with Microsoft Accounts
4. Record your Observation:
 - a. What is the change? Where is this policy applied?
 - b. How this action of yours did impacted this account?
 - c. Try to deny access to Control Panel, PC Settings, Block access to removable storage classes and record the steps. (Hint: For this action, you need to go to UserConfiguration → Policies → Administrative Templates → Control Panel/ System)