1. Describe the actions you took to create security groups.
   * Logged into the Domain Controller
   * Opened the Active Directory Users and Computers from the start menu
   * Navigated to daswebs.com and added three new security groups (HRSec, AccountingSec, and Miscellaneous) via Action->New->Group.
2. Describe the actions you took set up the access control policy for the shared directories.
   * Created different security groups for each of the three categories of people (can access HR, can access accounting, and can access neither).
   * Assigned everyone to one of these three groups.
   * Edited the folder permissions so that only the HRSec group could access the hr folder, and only the AccountingSec group could access the Accounting folder.
3. A screen shot of a computer

   Description automatically generatedDo the command "getfacl /share/HR" in fileshare. Provide a screenshot. What does it tell you?
   * A screen shot of a computer

     Description automatically generatedGetfacl provides information on the owner, the group, the owner’s permission bit settings, the current user’s permission bit settings, the group's permission bit settings, the mask permission bit settings (non-owning groups), and the all others permission bit settings.
4. Write a paragraph on what Active Directory is and what services it provides. Why would an enterprise want to set up and use Active Directory?
   * Active Directory is Microsoft’s way of allowing administrators to manage permissions and other accesses to network resources on a Windows Server. The main benefits that it provides are a centralized resource for security administration, a single logon for access to global resources, and a simplified resource location for users. An Active Directory also includes a set of rules (the schema, defines the objects and attributes in the directory, and the constraints on them), a global catalog (contains information about every object in the directory, allowing administrators to find directory information regardless of which domain in the directory contains the needed data), a query and index mechanism (allows objects and their properties to be discovered by network users), and a replication service (distributes data across a network).
5. 7 checks  
   A screenshot of a computer

   Description automatically generated