IT Essentials 5.0

12.6.1.6 Lab - Troubleshooting Access Security in Windows 7

Introduction

Print and complete this lab.

In this lab, the instructor will introduce various access and security problems. The student will diagnose the causes and solve the problems.

Recommended Equipment

The following equipment is required for this exercise:
• One computer running Windows 7 on an NTFS partition

Scenario

Company XYZ has hired Devon to manage the training department. Shawna was also hired as a temporary employee to replace Brooks, who is no longer working for the company. You must solve access security problems for the training department. You might need to access the computers as each user and the administrator. Make sure you document and solve the problems, and then document the solutions.

There are several possible errors. Solve one problem at a time until there are no security breaches and access problems. Use the following tables when solving problems. The user account information is listed in Table 1. Use only the groups shown in Table 2, they are set up with the proper permissions. The instructor will provide the administrator's account information.

Table 1: Accounts

User Name	Password	Group for User
Brooks	Cisco2001	Guests
Shawna	Cisco2010	Guests
Devon	Cisco2100	Academy Student
Administrator user name:	Administrator password:	Administrators

Table 2: Groups

Groups	Group Permissions
Academy Student	Read & Execute, List Folder Contents, Read, Write
Guests	Read & Execute, List Folder Contents, Read
Administrators	Full Control

Note: There is a file, with a message, in the C:\CiscoCCNA\ Exploration folder.

Step 1

Log on to the computer as Brooks and then try saving text to the file.

Can Brooks log on to the computer?

Can Brooks access the file?

If you answered "yes" to either question then there is a security breach in the system.

Can Shawna log on to the computer?

Can Shawna only read the file?

If you answered "no" to either question then there is an access problem in the system.

Can Devon log on to the computer?

Can Devon save text to the file?

If you answered "no" to either question then there is an access problem in the system.

Did you encounter any security breaches or access problems?

If you encountered a security breach or access problem, log on to the computer with the Administrator account.

Start troubleshooting the computer for any security breach and access problem you encountered. The instructor may inform you of the number of troubleshooting problems to complete.

Problem 1

What problem did you find?

What steps did you take to determine the problem?

What is causing the problem?

List the steps taken to fix the problem.

Validate that the problem no longer exits. How did you validate the correction?

Problem 2

What problem did you find?

What steps did you take to determine the problem?

What is causing the problem?

List the steps taken to fix the problem.

Validate that the problem no longer exits. How did you validate the correction?

Problem 3

What problem did you find?

What steps did you take to determine the problem?

What is causing the problem?

List the steps taken to fix the problem.

Validate that the problem no longer exits. How did you validate the correction?

Problem 4

What problem did you find?

What steps did you take to determine the problem?

What is causing the problem?

List the steps taken to fix the problem.

Validate that the problem no longer exits. How did you validate the correction?

Problem 5

What problem did you find?

What steps did you take to determine the problem?

What is causing the problem?

List the steps taken to fix the problem.

Validate that the problem no longer exits. How did you validate the correction?