Exploring NTFS Permissions

Scenario

In order to check your understanding of NTFS permissions, create a new folder named LocalData and then create an empty file named New Text Document. You have a few free minutes, so you decide to examine the permissions for the Administrators and Users groups to the folder and file.

1. Turn off the Sharing Wizard.
   a) Open This PC, and select View→Options→Change folder and search options.
   b) Select the View tab. Scroll to the bottom of the Advanced settings list.
   c) Uncheck Use Sharing Wizard (Recommended) and select OK.

2. Examine the NTFS permissions on a drive.
   a) Select the C drive. Right-click the C drive and select Computer→Properties.
   b) Select the Security tab.
   c) In the Group or user names list, select the Administrators group.
   d) Determine the permissions assigned to the Administrators group.
   e) Select the Users group.
   f) Determine the permissions assigned to the Users group and select Cancel.

3. What level of permissions did the Administrators group have?
   a) Full Control
   b) Modify
   c) Write
   d) Read & Execute

4. What level of permissions did the Users group have?
   a) Full Control
   b) Modify
   c) Write
   d) Read & Execute

5. Examine NTFS folder permissions.
   a) Double-click the C drive. Select the LocalData folder, and then select Home→Properties.
   b) Select the Security tab.
   c) Select the Administrators group.
   d) Determine the permissions assigned to the Administrators group.
   e) Select the Users group.
   f) Determine the permissions assigned to the Users group, and then select Cancel.

6. How were the permissions in the LocalData folder different from the permissions on the C drive?
   a) Administrators did not have Full Control to the LocalData folder.
   b) Users could not read files in the LocalData folder.
   c) The permissions on the C drive were set explicitly; the permissions on the LocalData folder were inherited from the C drive.
   d) The available permissions were not different.

7. Examine NTFS file permissions.
   a) Double-click the LocalData folder.
   b) Select the New Text Document file, and then select Home→Properties.
   c) Select the Security tab.
   d) Select the Administrators group.
   e) Determine the permissions assigned to the Administrators group. Verify that the permissions of the New Text Document file is the same as that of the C drive and the LocalData folder.
   f) Select the Users group.
   g) Determine the permissions assigned to the Users group, and then select Cancel.
   h) Close the window.

8. True or False? The permissions in the New Text Document file were inherited from the LocalData folder permissions.