

Mission: Permission Workout Student Instructions

Introduction:

For this workout, you will learn about Windows file permissions and securing your computers file systems. So what are file permissions? With every file that is created or installed onto your computer, it is assigned a set of permissions or rules that state which programs, users, or user groups have access to read or modify that file. For example, in each Windows machine, there is a folder called Program Files. Any user on the computer can *view* the contents of the folder, but in order to add or modify the contents, that user must be part of the *Administrator group*.

Logging on to Your Computer:

- Log into the Guacamole web server using the username and password provided on your Cyber Gym student landing page.
- You may have to refresh the page if a screen does not come up.
- Then, you will log in automatically.

Your Mission:

While looking over the system logs, the security team noticed that a folder (*.. Desktop\Protect_Me*) with critical information was giving read, write, execute permissions to all users and groups, anonymous users, and even a spy! Change the folder permissions to allow only crucial users to access the folder.

To check the permissions, right-click the folder/file and click *properties* then *security* . In the first box you will see all the users and user groups that have access the folder. Identify the users that are shouldn't have access and then click *edit* to remove their access.

Important: In order for the system to function properly, you shouldn't change the permissions for the following users / usergroups:

- Windows-Server-\workout
- NT Authority\System
- Windows-Server-\Administrators
- Builtin\Administrators