**Module 3 Check your Knowledge! Key**

**Free Response/Multiple Choice:**

Select the important file that matches the following descriptions.

1. Stores user’s password hashes and other password details.
   1. /etc/passwd
   2. /etc/shadow
   3. /etc/group
   4. /etc/gshadow
2. Stores group password hashes.
   1. /etc/passwd
   2. /etc/shadow
   3. /etc/group
   4. /etc/gshadow
3. Repository of users and user information.
   1. /etc/passwd
   2. /etc/shadow
   3. /etc/group
   4. /etc/gshadow
4. Lists every group within the system.
   1. /etc/passwd
   2. /etc/shadow
   3. /etc/group
   4. /etc/gshadow
5. In your own words describe what hash functions and hash values are.

Hash functions convert passwords into a value output.

Hash values are the encrypted password code created by the hash function.

1. What command is used to create a new user?

sudo adduser mikey

1. What command is used to change a user's password?

passwd

1. Write privileges are denoted by a \_\_\_w\_\_\_ and execute privileges are denoted by an \_\_\_x\_\_\_\_.

**Password Strength:**

Write S next to the password if it is strong or W if it is weak.

Ex. 123 W\_\_\_\_

1. password \_\_W\_\_\_
2. cookie\_monster@thebakery947 \_\_\_S\_\_
3. abc123 \_\_\_W\_\_\_
4. letmein \_\_W\_\_\_
5. Hell0\_IMsuperm@n23 \_\_\_S\_\_
6. I<3IT-Adventures!2021 \_\_S\_\_\_
7. catsanddogs \_\_W\_\_\_
8. Can’t\_I\_be\_your\_frienD\_2?:( \_\_\_S\_\_\_\_