**File Permission Task**

**Task Description:**

Create a file with .txt extension (/home/demo.txt). Change the permission set of that file, so that any user can read it, group can read/write & owner can read/write/execute it.

**Explanation:**

1. To create the file, **touch** command is used. Say touch **demo.txt**. Use **ls** to verify that file has been created.
2. To change the permission set of the created file, use **chmod 764 demo.txt**.

Breakdown of the permissions:

* **7 (for the owner) means read (4) + write (2) + execute (1) = 7.**
* **6 (for the group) means read (4) + write (2) = 6.**
* **4 (for others) means read (4) = 4.**

1. To view/verify the details of the permission set, use **ls -l** demo.txt

“**rwxrw-r—1**” has to be displayed

**Output:**

