**To detect all world-writable files in CentOS and Ubuntu**,

We can use the find command along with the -perm and -type options.

In CentOS and Ubuntu, a world-writable file has its permission bits set to 777 (i.e., read, write, and execute permissions for the owner, group, and others). To find all files with these permissions, use the following command:

**find / -type f -perm -o=wrx**

This will search the entire filesystem starting from the root directory (/) for files (-type f) with permission bits set to 777 (-perm -o=wrx). You may need to run this command with root privileges to search certain system directories.

If you only want to search a specific directory and its subdirectories, replace the / with the path to the directory.

Note that finding all world-writable files can take some time, especially on large filesystems. You can redirect the output of the command to a file or a pager utility like less to make it easier to read:

**find / -type f -perm -o=wrx > world\_writable\_files.txt**

This will save the output to a file named world\_writable\_files.txt in the current directory.