

Changing File Permissions (chmod)

- **chmod** is the command used to change the permissions of a file or a directory using either the symbolic or the numeric notation.
- Only the root, or the file's owner, can change the file's permissions.

chmod [who][OPERATION][permissions] filename

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who signifies the user category whose permissions will be changed.

- **u**: the **user** that owns the file.
- **g**: the **group** that the file belongs to.
- **o**: the **other** users.

The **OPERATION** flags define whether the permissions are to be removed, added, or set:

- **-**: a hyphen means remove the specified permissions.
- **+**: the plus sign means Add the specified permissions.
- **=**: equals means change the current permissions to the specified permissions.

The **permissions** are specified using the letters **r**, **w** and **x**.